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# Soybean Variety Test Results in Illinois - 1994



*Performance  
Information Provided by*

*Dept. of Agronomy  
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at the  
University of Illinois*

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# PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS

**THE UNIVERSITY OF ILLINOIS** commercial soybean testing program was started in 1969 as a result of requests by seedsmen that their private varieties be tested. The number of seed companies participating in 1994 was 72.

The purpose of this commercial soybean testing program is to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Because your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

## TEST PROGRAM

**Selection of entries.** Soybean producers in Illinois and surrounding states were invited to enter varieties, brands, or blends in the 1994 Illinois soybean performance trials. Entrants were required to enter all nonirrigated, 30-inch-row-width trials on a regional basis (entry in a minimum of two locations required). To help finance the testing program, a fee of \$65 per location was charged for each entry entered by the seed producer. Most of these varieties, brands, or blends are commercially available, but some experimental varieties were also entered.

A total of 1,971 entries were tested in 1994.

**Number and location of tests.** In 1994, tests were conducted at 9 locations in the state (see map). These sites represent the major soils and maturity zones of the state.

Nonirrigated, 30-inch-row-width trials were conducted on a regional basis. The regions are as follows:

- Regional I DeKalb and Dwight
- Regional II Monmouth and Urbana
- Regional III Monmouth and Perry
- Regional IV Urbana and Perry
- Regional V Brownstown and Belleville
- Regional VI Carbondale and Dixon Springs

Seven-inch-row-width trials were conducted at Urbana.

**Field plot design.** Entries of each test were replicated three times in a randomized complete block or alpha lattice design. The 30-inch-row trial plots consisted of four rows, each 20.5 feet long. The center two rows of each plot were harvested to measure yield. The 7-inch-row trial plots consisted of eight rows, each 20.5 feet long. The center six rows were harvested to measure yield. All plots were end-trimmed prior to harvest.

**Fertility and weed control.** All test locations were at a high level of fertility. Herbicides were used at all test locations for weed control. All plots were also weeded by hand.

**Method of planting and harvesting.** The 30-inch-row variety trials were planted with a modified bean planter. A custom-built, cone type, narrow-row drill was used to plant the

7-inch trials. Harvesting was done with a small-plot combine. No allowances were made for beans that may have been lost as a result of combining or shattering.

**Soybean Cyst Nematode.** Soil samples were taken from each location and evaluated for cyst populations by Dr. Dale Edwards, Assoc. Professor in Nematology Extension at the U. of I. Dept. of Plant Pathology.

## PERFORMANCE DATA

**Yield.** Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 12.5 percent. An electronic moisture monitor was used on the combine for all moisture readings.

**Maturity.** Maturity was stated as the date when approximately 95 percent of the pods were ripe.

**Lodging.** The amount of lodging was rated at harvest time. The following scale was used:

- 1 - Almost all plants erect
- 2 - All plants leaning slightly or a few plants down
- 3 - All plants leaning moderately (45°), or 25 to 50 percent of the plants down
- 4 - All plants leaning considerably, or 50 to 80 percent of the plants down
- 5 - Almost all plants down

**Height.** Height was measured shortly before harvest as the average length of plants from the ground to the tip of the main stem.

**Shattering.** The percentage of open pods was estimated at harvest time. The following scale was used:

- 1 - No shattering
- 2 - 1 to 10% of pods open
- 3 - 10 to 25% of pods open
- 4 - 25 to 50% of pods open
- 5 - Over 50% of pods open

## SUGGESTIONS FOR COMPARING ENTRIES

It is impossible to obtain an exact measure of performance when conducting any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single-strip test. When one variety consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity, lodging, plant height, and shattering.

As an aid in comparing soybean varieties, brands, and blends within a single trial, certain statistical tests have been devised. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson<sup>1</sup> is quite simple to apply and is more appropriate than most other tests. When two entries are compared and the



difference between them is greater than the tabulated L.S.D. value, the entries are judged to be "significantly different."

The L.S.D. is a number expressed in bushels per acre and presented following the average yield for each maturity group within each location. L.S.D.'s of 10% and 30% are shown, if the 10% L.S.D. is used, decisions made are true 9 out of 10 years, the 30% L.S.D. will be true 7 out of 10 years. The 30% L.S.D. is a smaller number and will include fewer varieties in the 'top group'. Decide the L.S.D. level that is best for your farm and find the highest yielding soybean variety within the maturity group and location, subtract the chosen L.S.D. level from the highest yielding variety, every variety with a greater yield than the resulting number is 'statistically the same' as the highest yielding variety. Consider the merits of the varieties in this group when making varietal selections.

In a study of the frequencies of occurrence of three types of statistical errors and their relative seriousness, Carmer<sup>2</sup> found strong arguments for an optimal significance level in the range  $\alpha = 0.20$  to  $0.40$ , where  $\alpha$  is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of  $\alpha = 0.10$  and  $0.30$  are used in computing the L.S.D. 10- and 30-percent levels shown in the tables.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing entries. Readers who compare entries in different trials or row spacings should be extremely careful, because no statistical tests are presented for that purpose. Readers should note that the difference between a single entry's performance at one location or row spacing and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of entry A in one trial or row spacing and the performance of entry B in another trial or row spacing is the result not only of environmental effects and random variability, but of genetic effects as well.

<sup>1</sup>Carmer, S.G. and M.R. Swanson. "An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods." *Journal of American Statistical Association* 68:66-74. 1973.

<sup>2</sup>Carmer, S.G. "Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials." *Crop Science* 16:95-99, 1976.

## 1994 TEST FIELDS

### DeKalb

Location: University of Illinois, Northern Illinois Research Center, southwest of DeKalb.

Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).

Cooperators: Dave Lindgren, farm foreman; Lyle Paul, research director.

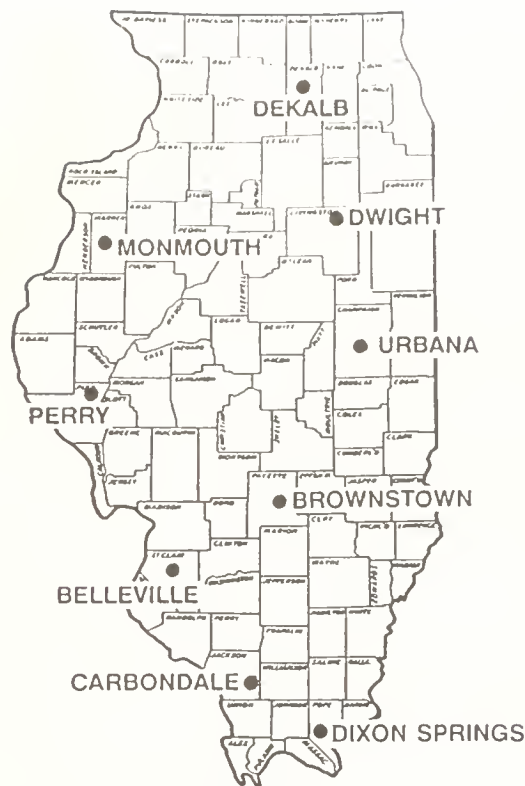
Planting date: April 25.

Harvest dates: October 4.

Herbicide: PPI- Treflan & Command.

Tillage: fall plow, spring mulch finisher.

S.C.N.: medium (10 cyst/100cc of soil).



## 1994 TEST FIELDS (con't)

### Dwight

Location: Livingston County.

Soil type: Elliott silty clay loam.

Cooperator: Larry Zabel.

Planting date: April 26.

Harvest dates: September 30.

Herbicide: Pre- Pursuit & Dual.

Tillage: fall chisel, spring field cult.

S.C.N.: none.

### Monmouth

Location: University of Illinois, Northwestern Illinois Agricultural Research and Demonstration Center, northwest of Monmouth.

Soil type: Muscatine silt loam.

Cooperators: Mike Mainz, agronomist; Roland Caulkins, farm foreman.

Planting date: May 3.

Harvest dates: September 21 & October 14.

Herbicide: PPI- Lexone & Treflan; Pre- Dual II; Post- Basagran, Fusilade & COC.

Tillage: fall chisel, spring disk & dyna-drive.

S.C.N.: Grp 2 - low (5 cyst/100cc of soil), Grp 3 & 4 - medium (11 cyst/100cc of soil).

### Urbana

Location: University of Illinois Agronomy South Farm, Champaign County, east central Illinois.

Soil type: Flanagan silt loam (dark brown, adequately drained).

Cooperators: M.G. Oldham, farm manager; Mike Plotner, farm foreman.

Planting dates: May 21 & 23.

Harvest dates: October 2, 3, 6, 7 & 15.

Herbicide: PPI- Treflan, Post- Pursuit (7" only).

Tillage: fall chisel, spring disk & field cult.

S.C.N.: low (1 cyst/100cc of soil).

### Perry

Location: Orr Research Center, near Perry, Pike County, south central Illinois.

Soil type: Muscatine silt loam (moderately poorly drained).

Cooperators: Glenn Raines, research director; Mike Vose, farm foreman.

Planting date: May 13.

Harvest dates: September 13 & 29.

Herbicide: PPI- Sonalan.

Tillage: fall plow, spring disk & dyno-drive.

S.C.N.: medium (15 cyst/100cc of soil).

### Brownstown

Location: University of Illinois Brownstown Experimental Field, Fayette County, south central Illinois.

Soil type: Cisne silt loam (poorly drained, gray prairie with a well-developed claypan).

Cooperators: Kevin Barber, Sr. Res. Spec.; Jim Carter, farm foreman.

Planting date: May 17.

Harvest dates: September 28 & October 17.

Herbicide: PPI- Micro-Tech & Canopy.

Tillage: fall none, spring disk & field cult.

S.C.N.: medium (18 cyst/100cc of soil).

### Belleville

Location: Southern Illinois University Research Center, east of Belleville, St. Clair County.

Soil type: Ebbert silt loam.

Cooperators: Ron Krausz, researcher; George Kapusta, research director.

Planting date: May 19.

Harvest date: October 1 & 16.

Herbicide: PPI- Triscept & Treflan.

Tillage: fall none, spring field cultivator.

S.C.N.: Grp 3 - very high (118 cyst/100cc of soil), Grp 4 - medium (7 cyst/100cc of soil).

### Carbondale

Location: Southern Illinois University Agronomy Research Center, at Carbondale, extreme southern Illinois.

Soil type: Weir silt loam (shallow, silty loam over claypan).

Cooperators: Paul Pinnon, field manager; George Kapusta, agronomist.

Planting date: May 18 & 19. Harvest: October 10 & 26.

Herbicide: Pre- Grammoxone & Prowl; Spot- Poast Plus & Basagran.

Tillage: No-Till.

S.C.N.: Grp 3 & 5 - high (40 cyst/100cc of soil), Grp 4 - low (3 cyst/100cc of soil).

### Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.

Soil type: Belknap silt loam (light-colored, moderately well-drained, medium-textured bottomland).

Cooperators: Steve Ebelhar, research director; Ron Hines, research specialist.

Planting date: May 20.

Harvest dates: October 11, 12 & 26.

Herbicide: Pre- Scepter & Dual; Post- Tornado & COC.

Tillage: fall chisel, spring disk.

S.C.N.: low (1 cyst/100cc of soil).

## GROWING SEASON RAINFALL, 1994

Location	May	June	July	Aug	Sept
DeKalb	0.80	7.04	2.55	4.92	2.15
Dwight	1.15	2.45	5.05	3.00	2.50
Monmouth	2.27	3.24	3.90	2.59	1.20
Urbana	4.11	2.19	1.00	3.62	2.98
Perry	2.50	5.48	1.29	3.79	1.90
Brownstown	0.75	4.62	2.69	0.98	2.70
Belleville	1.11	4.50	1.44	1.72	2.87
Carbondale	0.37	5.17	0.97	7.21	3.11
Dixon Springs	0.61	4.01	2.36	3.87	2.76

## SOURCES OF SEED

Adler, Adler Seeds Inc., R.R. 1, Box 403, Sharpsville, IN 46068

AgraTech, AgraTech Seeds Inc., 5559 N. 500 W., McCordsville, IN 46055

Agrinetics, Agrinetics Inc., P.O. Box 151, Naperville, IL 60566

Ainsworth, Ainsworth Seed Co., R.R. 1, P.O. Box 153, Mason City, IL 62664

Asgrow, Asgrow Seed Co., 9635-190-31, 7000 Portage Rd., Kalamazoo, MI 49001

Baird, Baird Seed Co., 1122 Knox Hwy 18, Williamsfield, IL 61489

Belleville, Belleville Seed House Inc., 3400 S. Illinois St., Belleville, IL 62220-5808

Bergmann-Taylor, Bergmann-Taylor Inc., P. O. Box 317, St. Jacob, IL 62281

Brown, Brown Seed Enterprises, R.R. 1, P.O. Box 358 A, Neoga, IL 62447

C.F.S., Custom Farm Seed, P.O. Box 160, Momence, IL 60954

Ciba Seeds, Ciba Seeds, P.O. Box 18300 Greensboro, NC 27419-8300

Cole, Cole Grower Service, P.O. Box 7211, Madison, WI 53707

Dairyland, Dairyland Seed Co., Inc., P.O. Box 958, 3570 Hwy. H, West Bend, WI 53095

DeKalb, DeKalb Genetics Corporation, 3100 Sycamore Road, DeKalb, IL 60115

DeRaedt, DeRaedt Seed Co., 10N971 Tower Rd., Hampshire, IL 60140

Freedom, Freedom Seed Co., P.O. Box 575, Astoria, IL 61501

GMA, GMA Co., 7 Wyldewood Rd., Easton, CT 06612

Golden Harvest, Garwood Seed Co., R.R. 1, P.O. Box 20, Stonington, IL 62567

Golden Harvest, Golden Seed Co., 27420 137th Ave. N., Cordova, IL 61242

Golden Harvest, Sommer Bros. Seed Co., P.O. Box 248, Pekin, IL 61555

Golden Harvest, Thorp Seed Co., R.R. 3, P.O. Box 257, Clinton, IL 61727

Good Buddy, Good Buddy Seeds, P.O. Box 306, Mt. Orab, OH 45154

Great Heart, Great Heart Seed Co., 220 W. Washington, Paris, IL 61944



**Great Lakes**, Great Lakes Hybrids, 9915 W. M-21, Ovid, MI 48866

**Griffith**, Griffith Seed Co., P.O. Box 38, McNabb, IL 61335

**Growmark**, Growmark Inc., 1701 Towanda Ave., Bloomington, IL 61701

**Harms**, Harms Seed Farms, R.R. 2, P.O. Box 74, Colfax, IL 61728

**Henkel**, Henkel Seeds, 107 Cedar Grove, Mendota, IL 61342

**Hoblitt**, Hoblitt Seed Co., P.O. Box 487, Atlanta, IL 61723

**Hubner**, Hubner Seed Co., R.R. 1, P.O. Box 92, West Lebanon, IN 47991

**HyPerformer**, HyPerformer Seed Co., One Hy Crop Row, Memphis, TN 38120

**I.C.I.**, I.C.I. Seeds, 6945 Vista Drive, West Des Moines, IA 50266

**Interstate/Payco**, Interstate/Payco Seed Co., P.O. Box 338, West Fargo, ND 58078

**Jacob Hartz**, Jacob Hartz Seed Co., Inc., P.O. Box 946, Stuttgart, AR 72160

**J.M. Schultz**, J.M. Schultz Seed Co., 105 N. Pine St., P.O. Box 211, Dieterich, IL 62424

**KSC/Challenger**, KSC/Challenger Seed, P. O. Box 747, Cedar Falls, IA 50613

**Kaltenberg**, Kaltenberg Seed Farms, 5506 State Rd. 19, P.O. Box 278, Waunakee, WI 53597-0278

**Kitchen**, Kitchen Seed Co., Inc., P.O. Box 286, Arthur, IL 61911

**Kruger**, Kruger Seed, P.O. Box A, Hwy. 20 E., Dike, IA 50624

**LG Seeds**, LG Seeds, Inc., 22827 Shissler Rd., Elmwood, IL 61529

**Leader**, Leader Seeds, Inc., 7160 S.R. 118, Cclina, OH 45822

**Lewis**, Lewis Hybrids, Inc., P.O. Box 38, Ursa, IL 62376

**Lynks**, Lynks Seeds, P.O. Box 637, Marshalltown, IA 50158

**M.W. Oilseeds**, Midwest Oilseeds, Inc., 2225 Laredo Trail, Adel, IA 50003

**McAllister**, McAllister Seed Co., 1307 N. Broadway, P.O. Box 28, Mt. Pleasant, IA 52641

**Merschman**, Merschman Seeds, 103 Ave. D, West Point, IA 52656-0067

**Miles**, Miles Seed, 2760 Keller Rd., Owensboro, KY 42301

**Muirhead**, Muirhead Farms, 42W814 Rohrsen Rd., Plato Center, IL 60170

**Mycogen**, Mycogen Plant Sciences, 720 St. Croix St., Prescott, WI 54021

**NobleBear**, NobleBear Seed Co., P.O. Box 950, N. Wyckles Rd., Decatur, IL 62525

**Northrup King**, Northrup King Co., 1324 E. Empire St., Bloomington, IL 61701

**Pioneer**, Pioneer Hi-Bred International, Inc., 2750 N. Main St., Princeton, IL 61356

**Prairie Heritage**, Prairie Heritage Seeds, 1612 Reynolds Dr., Charleston, IL 61920

**Prairie Stream**, Prairie Stream Farms, Inc., 2175 E. Kelley Rd., Frankfort, IN 46041

**Princeton**, Princeton Farms, P.O. Box 319, Princeton, IN 47670

**Pro-Seed**, Pro-Seed, 236 Sugar St., P.O. Box 55, Blissfield, MI 49228

**Profiseed**, Profiseed, Inc., 1691 Hwy 65, Hampton, IA 50441

**Public Varieties**, Illinois Foundation Seeds, Inc., P. O. Box 722, Champaign, IL 61820

**Quality Plus**, Quality Plus Seed Co., 711 North 1, Monmouth, IL 61462

**Ridgway**, Ridgway Seed Co., P.O. Box 212, Ridgway, IL 62979

**Roeschley**, Roeschley Hybrids, R.R. 1, P.O. Box 17, Graymont, IL 61743

**Sieben**, Sieben Hybrids, Inc., 633 N. College, Geneseo, IL 61254

**Southern States**, Southern States Coop., P.O. Box 26234, Richmond, VA 23260

**Sparta**, Sparta Seed Co., R.R. 5, Box 32A, Galesburg, IL 61401

**Stewart**, Stewart Hybrids, R.R. 1, Box 8, Princeville, IL 61559

**Stine**, Stine Seed Co., 2225 Laredo Trail, Adel, IA 50003

**Stone**, Stone Seed Co., R.R. 2, Pleasant Plains, IL 62677

**Sun-Ag**, Sun-Ag Seed, P.O. Box 227, El Paso, IL 61738

**Sunstar**, Sunstar Hybrids, 14993 State Rd. 17, Culver, IN 46511

**Terra**, Terra International, Inc., 600 4th St., P.O. Box 6000, Sioux City, IA 51102-6000

**Tri-County Stockdale**, Tri-County Stockdale, 25512 Black Rd., Joliet, IL 60435

**Trisler**, Trisler Seed Farms, Inc., 3274 E. 800 N., Fairmount, IL 61841

**Twin States**, Twin States Seed Co. Inc., P.O. Box 428, Hoopeston, IL 60942

**Vigoro**, Vigoro Industries, Inc., P.O. Box 177, Sigourney, IA 52591

**Wildy Seed**, Wildy Seed Inc., 7718 Wildy Rd, New Athens, IL 62264

**Wilken**, Wilken Seed Grains, Inc., R.R. 4, P.O. Box 770, Pontiac, IL 61764

## 1994 ENTRIES

### ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E

TREATED-T	MAT.	CYST
UNTREATED-U	GROUP TRIAL*	NEM**
<b>ADLER</b>		
324 V,R,P,U	II	U S
375 V,R,P,U	III	U S
<b>AGRATECH</b>		
340 X,V,R,T	III	2-4,U S
350 X,V,R,T	III	2-4,U R 3,4
362 X,V,R,U	III	2-4,U S
425 X,V,R,T	IV	4,5 R 3,4
<b>AGRINETICS</b>		
2205 V,R,P,U	II	1 ?
2209 V,R,P,U	II	1 ?
2218 V,R,P,U	II	1 ?
222 V,R,P,U	II	1 ?
240 V,R,P,U	II	1 ?
<b>AINSWORTH</b>		
2A-77 X,V,R,C,U	II	4 S
2A-80 X,V,R,C,U	II	2-4,U S
2A-99 X,V,R,C,U	II	2-4,U S
3A-16 X,V,R,C,U	III	3 S
3A-27 X,V,R,C,U	III	2-4,U S
3A-34 X,V,R,C,U	III	4 S
3A-40 X,V,R,C,U	III	3 S
3A-75 X,V,R,C,U	III	2-4 S
3A-89 N X,V,R,C,U	III	4,U R 3,4

\*See page 11 for key to trial locations

## 1994 ENTRIES

ENTRY			
VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S	
BRAND-X	CERTIFIED-C	**RESISTANT-R	
BLEND-B	PROTECTED-P		
EXPERIMENTAL-E			
TREATED-T	MAT.	CYST	
UNTREATED-U	GROUP	TRIAL*	NEM**

## ASGROW

A 2242	V,R,P,U	II	1	S
A 2396	V,R,P,U	II	1	S
A 2506	V,R,P,U	II	1	S
A 2835	V,R,P,U	II	1-4,U	S
A 3237	V,R,P,U	III	2-4,U	S
A 3304	V,R,P,U	III	2-4	S
A 3431	V,R,P,U	III	2-4,U	R 3,14
A 3510	V,R,P,U	III	2-4,U	S
A 4138	V,R,P,U	IV	5,6	R 3,14
A 4539	V,R,P,U	IV	5,6	R 3,14
A 4715	V,R,P,U	IV	5,6	R 3,14
A 5112	V,R,P,U	V	6	R 3,14
A 5403	V,R,P,U	V	6	R 3,14

## BAIRD

B-2494	V,R,U	II	1	R ?
B-3292	V,R,U	III	1	R ?
B-3594	V,R,U	III	1	S

## BELLEVILLE SEED HOUSE

BSH 360	V,R,P,U	III	5	S
BSH 38 NR	V,R,P,U	III	5	R 3,4
BSH 405	V,R,P,U	IV	5,6	S
BSH 442	V,R,P,U	IV	5,6	S

## BERGMANN-TAYLOR

BT 385 STS	V,R,U	III	5	S
BT 399 C	V,R,T	III	4,5	R 3,4,14
BT 413 C	V,R,T	IV	4,5	R 3,4,14
BT 435 C	V,R,U	IV	5,6	R 3,4,14
BT 445 C	V,R,U	IV	5,6	R 3,4,14
BT 484	V,R,T	IV	5,6	S

## BROWN

ARISE 326	V,R,U	III	4	S
ARISE 364	V,R,T	III	4,5	S
ARISE 383 C	V,R,T	III	5	R ?
ARISE 435 C	V,R,T	IV	5,6	R ?
ARISE 445 C	V,R,U	IV	5,6	R ?
ARISE 495	V,R,U	IV	5,6	S

## CUSTOM FARM SEED

215	V,R,P,U	II	1	S
235	V,R,P,U	II	1	S
245	V,R,P,U	II	1,2	S
314	V,R,P,U	III	1,2	S
331	V,R,P,U	III	1,2	S

## CIBA

3253	V,R,C,T	II	1-4,U	S
3282	V,R,C,T	II	U	S
3311	V,R,P,T	III	1-4,U	S
3323	V,R,C,T	III	2-4	R3,MR14
3362	V,R,C,T	III	2-5,U	S
3388	V,R,C,T	III	5,6	R3,MR14
3411	V,R,C,T	IV	5,6	S
3474	V,R,C,T	IV	6	S
3482	V,R,C,T	IV	6	R 3,14

## COLE GROWER SERVICE

DG 3180	V,R,U	I	1	S
DG 3256	V,R,U	II	1-4	S
DG 3276	V,R,U	II	1-4	S
DG 3290	V,R,U	II	1-4	S

## 1994 ENTRIES

ENTRY			
VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S	
BRAND-X	CERTIFIED-C	**RESISTANT-R	
BLEND-B	PROTECTED-P		
EXPERIMENTAL-E			
TREATED-T	MAT.	CYST	
UNTREATED-U	GROUP	TRIAL*	NEM**

## COLE GROWER SERVICE, continued

DG 3301	V,R,U	III	1-4	S
DG 3303	V,R,U	III	2-4	R 3,4
DG 3360	V,R,U	III	2-4	S
DG 3368	V,R,U	III	2-4	S
DG 3400	V,R,U	IV	2-4,6	S
DG 3410	V,R,U	IV	2-4,6	S
UAPX 128	V,E,U	II	1	S
UAPX 129	V,E,U	IV	5,6	R 3,4

## DAIRYLAND

DSR-222	V,R,C,U	II	1	?
DSR-250 STS	V,R,C,U	II	1	?
DSR-253 N	V,R,C,U	II	1	?
DSR-262	V,R,CP,U	II	1,U	?
DSR-277	V,E,U	II	1,2,U	?
DSR-292	V,R,C,U	II	1,2	?
DSR-296 N	V,R,C,U	II	1,2	?
DSR-302	V,R,C,U	III	2	?
DSR-305	V,R,C,U	III	1,2,U	?
DSR-317	V,R,C,U	III	2	S
DSR-350 STS	V,R,C,U	III	2	?
DSR-373	V,R,CP,U	III	2,U	R 3,14
DST 2115	V,E,U	II	1	?
DST 2325	V,E,U	II	1,2,U	?
DST 3125	V,E,U	III	2	R3,MS14
DST 3126	V,E,U	III	2	S
DST 3128	V,E,U	III	2	S
DST 3206	V,E,U	III	2,U	S
DST 3308	V,E,U	III	2	S

## DEKALB

CX 232	V,R,U	II	1	S
CX 250 B	V,R,U	II	1	S
CX 252	V,R,U	II	1	S
CX 259	V,R,U	II	1	S
CX 267	V,R,U	II	1,2	S
CX 291	V,R,U	II	2	S
CX 313	V,R,U	III	1-4	S
CX 314	V,R,U	III	1-4	S
CX 335	V,R,U	III	2-4	S
CX 340 C	V,R,U	III	2-5	R3,MR4
CX 377	V,R,U	III	2-5	S
CX 394 C	V,R,T	III	5,6	R3,MR4
CX 399	V,R,U	III	2-5	S
CX 404	V,R,U	IV	5	S
CX 411	V,R,U	IV	5,6	S
CX 434	V,R,U	IV	5,6	S
CX 445	V,R,U	IV	5,6	S
CX 469 C	V,R,U	IV	5,6	R3,MR4
CX 478	V,R,U	IV	6	S

## DERAEDT

1776	X,V,R,T	I	1	S
2000	X,V,R,T	II	1	S
2101	X,V,R,T	II	1	S
2221	X,V,R,T	II	1	S
2333	X,V,R,T	II	1	S
2345	X,V,R,T	II	1	S

## FREEDOM

4347	V,R,U	III	4,5	S
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\*See page 11 for key to trial locations

## 1994 ENTRIES

ENTRY			
VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S	
BRAND-X	CERTIFIED-C	**RESISTANT-R	
BLEND-B	PROTECTED-P		
EXPERIMENTAL-E			
TREATED-T	MAT.	CYST	
UNTREATED-U	GROUP	TRIAL*	NEM**

## FREEDOM, continued

4422 V,R,U	IV	5	S
EXP 419 V,E,U	IV	4,5	S
EXP 437 CN V,E,T	IV	5	R ?

## GMA

SV1 2701 V,E,U	II	2	S
SV1 3901 V,E,U	III	2	S
SV1 3401 V,E,U	III	2	S

## GOLDEN HARVEST

H-1213 V,R,U	II	1	S
H-1263 V,R,U	II	1-4	S
H-1264 V,R,U	II	1	S
H-1271 V,R,U	II	1-4	S
H-1296 V,R,U	II	4	S
H-1328 V,R,U	III	2-4	S
H-1353 V,R,U	III	2-5	S
H-1358 V,R,U	III	4,5	R 3,4
H-1407 V,R,U	IV	4,5	S
X-227 V,E,U	II	1	S
X-432 V,R,U	IV	5	R 3,4

## GOOD BUDDY

GB 34 V,R,P,T	III	5	?
GB 49 C V,R,P,T	IV	5	R 3,4

## GREAT HEART

G-341 V,R,T	III	U	S
GX-3782 V,E,U	III	U	S
GX-3914 V,E,T	III	5	S
GX-4243 V,E,T	IV	5	S

## GREAT LAKES

GL 2237 V,R,P,U	II	1	S
GL 2415 V,R,P,U	II	1	S
GL 2928 V,R,P,U	II	2-4	S
GL 3145 V,R,P,U	III	2-4	S
GL 3337 V,R,P,U	III	2-4	S
GL 4015 V,R,P,U	IV	4	S

## GRIFFITH

PL 2012 V,R,P,U	II	1	?
PL 2025 V,R,P,U	II	1	?
PL 2100 V,R,P,U	II	2	?
PL 2120 V,R,P,U	II	2	?
PL 2255 V,R,P,U	II	2	?
PL 3015 V,R,P,U	III	2	?
PL 3100 V,R,P,U	III	2	?
PL 3145 V,R,P,U	III	2	?
PL 7451 X V,E,P,U	III	2	?

## GROWMARK

HS 2220 V,R,P,U	II	1	S
HS 2602 V,R,P,U	II	1,2	S
HS 2700 V,R,P,U	II	1,2	S
HS 3210 V,R,P,U	III	2-4	S
HS 3422 V,R,P,U	III	2-4	S
HS 4110 V,R,P,U	IV	5,6	R 3,14
HS 4521 V,R,P,U	IV	5,6	S
HS 4801 V,R,P,U	IV	5,6	R 1,3
HS 4824 V,E,P,U	IV	5,6	S
HS 5199 V,E,P,U	V	6	R 3,14
HS E 211 V,E,P,U	II	1	S
HS E 223 V,E,P,U	II	1	S

## 1994 ENTRIES

ENTRY			
VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S	
BRAND-X	CERTIFIED-C	**RESISTANT-R	
BLEND-B	PROTECTED-P		
EXPERIMENTAL-E			
TREATED-T	MAT.	CYST	
UNTREATED-U	GROUP	TRIAL*	NEM**

## GROWMARK, continued

HS E 231 V,E,P,U	II	1	S
HS E 401 V,E,P,U	IV	3,5	S
HS HT 261 STS V,E,P,U	II	1,2	S
HS HT 331 STS V,E,P,U	III	2-4	S

## HARMS

HSF 3300 V,R,P,T	III	2	?
HSF 4300 V,R,P,T	III	2	?
HSF 7200 V,R,P,T	II	2	?

## HENKEL

SS 518 V,R,U	II	1	?
SS 5195 V,R,U	II	1	?
SS 5235 V,R,U	II	1,2	?
SS 5238 V,R,U	II	1,2	?
SS 5503 V,E,U	II	1	?
SS 620 V,R,U	II	2	?
SS 7210 V,E,U	III	2	?
SS 730 V,R,U	III	2	?

## HOBLIT

HB 284 V,R,U	II	2-4	?
HB 330 V,R,U	III	2-4	?
HB 370 V,R,U	III	2-4	?
HB 390 V,R,U	III	5	?

## HUBNER

H 325 V,R,T	III	4	S
H 357 N V,R,T	III	4	R 3,14
H 360 V,R,T	III	4	S
H 381 V,R,T	III	4	S

## HYPERFORMER

HSC 317 V,R,U	III	2-4,U	S
HSC 339 V,R,U	III	2-4,U	S
HSC 373 V,R,U	III	2-5	R 3,4
HSC 398 V,R,U	III	5	S
HSC 501 V,R,U	V	6	R 2,4
HY 244 V,R,U	II	1	S
HY 271 V,R,U	II	1	S
HY 351 V,R,U	III	2-4,U	S
HY 446 V,R,U	IV	5,6	S
HY 458 V,R,U	IV	5,6	R 3,4
HY 498 V,R,U	IV	6	S

## ICI

D 260 V,R,U	II	1,2	S
D 284 V,R,U	II	1	S
D 297 V,R,U	II	1	S
D 321 V,R,U	III	2-4	S
D 337 V,R,U	III	2-4	S
D 348 STS V,R,U	III	2-4	S
D 368 V,R,U	III	5	R 3,14
D 371 V,R,U	III	2-5	S
D 396 V,R,U	III	5	S
D 414 V,R,U	IV	5	S
D 454 V,R,U	IV	5,6	R 3,14
D 485 V,R,U	IV	6	R 3
EX 4267 V,E,U	II	1	S
EX 4278 V,E,U	II	1	S
EX 4402 N V,E,T	IV	5	R 3,14
EX 4473 N V,E,U	IV	6	R 3,14

\*See page 11 for key to trial locations

## 1994 ENTRIES

ENTRY	VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S
	BRAND-X	CERTIFIED-C	**RESISTANT-R
	BLEND-B	PROTECTED-P	
	EXPERIMENTAL-E		
TREATED-T	MAT.		CYST
UNTREATED-U	GROUP	TRIAL*	NEM**

## INTERSTATE PAYCO

9225 V,R,U	II	1	S
9233 V,R,U	III	1-4,U	S
9241 V,R,U	IV	2-4	S
9327 V,R,U	II	1	S
9329 V,R,U	II	1	S
9338 V,R,U	III	2-4	S
9432 V,R,U	III	1	S
9436 V,R,U	III	2-4,U	S

## JM SCHULTZ

2575 V,R,U	II	1,4	S
3230 V,R,U	III	4	S
3509 C V,R,U	III	5	R 3,14
3791 V,R,T	III	5	S
4240 V,R,U	IV	5,6	S
4788 V,R,U	IV	5,6	S
5009 C V,R,U	V	6	R 3

## JACOB HARTZ

H 4464 V,R,P,U	IV	6	R 3
H 4994 V,R,P,U	IV	6	R 3,9,14

## KSC/CHALLENGER

K-2303 V,E,U	II	1	?
K-2303+ V,E,U	II	1	?
K-2444 V,E,U	II	1	?
K-2505 V,E,U	II	1	?
K-2525 V,R,U	II	1	?
K-2555 V,R,U	II	1	?
K-2616 V,E,U	II	1	?
K-2626 V,R,U	II	1	?
K-2800 V,E,U	II	1	?
K-2848 V,E,U	II	1	?
K-2949 V,R,U	II	1	?
K-3131 V,E,U	III	2	?
K-3232 V,E,U	III	2	?
K-3242 V,E,U	III	2	?
K-3333+ V,E,U	III	2	?
K-3434 A V,E,U	III	2	?
K-3525 V,E,U	III	2	?
K-3535 V,E,U	III	2	?
K-3727 V,E,U	III	2	?
K-3900 V,E,U	III	2	?
K-3909+ V,E,U	III	2	?

## KALTENBERG

KB 241 V,R,P,T	II	1	S
KB 254 V,R,P,T	II	1	S
KB 274 V,R,P,T	II	1,2	S
KB 324 V,R,P,T	III	1,2	S
KB 354 V,R,P,T	III	1,2	S
KB 362 V,R,P,T	III	2	S

## KITCHEN

KSC 328 C X,V,R,U	III	4	R 3,4
KSC 330 C X,V,R,U	III	4	R 3,4
KSC 332 C X,V,R,U	III	4	R 3,4
KSC 377 X,V,R,U	III	4	S
KSC 390 X,V,R,U	III	4	S

## KRUGER

DESOY 303 E V,R,U	II	2	?
K-2021 V,R,U	II	1	?

## 1994 ENTRIES

ENTRY	VARIETY-V	RELEASED-R	**SUSCEPTIBLE-S
	BRAND-X	CERTIFIED-C	**RESISTANT-R
	BLEND-B	PROTECTED-P	
	EXPERIMENTAL-E		
TREATED-T	MAT.		CYST
UNTREATED-U	GROUP	TRIAL*	NEM**

## KRUGER, continued

K-2222 V,R,U	II	1	?
K-2323+ V,R,U	II	1	?
K-2616 V,E,U	II	1	?
K-2616 A V,E,U	II	1	?
K-2727 V,R,U	II	1	?
K-2727+ V,E,U	II	1	?
K-2808 V,R,U	II	2	?
K-2818 V,E,U	II	2	?
K-2820 V,E,U	II	2	?
K-2828 V,E,U	II	1,2	?
K-2838 V,E,U	II	1	?
K-2928 V,E,U	II	2	?
K-2928+ V,E,U	II	1,2	?
K-3006 V,E,U	II	2	?
K-3030+ V,E,U	II	2	?
K-3101 V,E,U	II	2	?
K-3268+ V,R,U	III	2	?
K-3303+ V,E,U	III	2	?
K-3333 V,R,U	III	2	?
K-3404 V,R,U	III	2	?
K-3434 V,E,U	III	2	?
K-3505 V,E,U	III	2	?
K-3505 A V,R,U	III	2	?
K-3606 V,E,U	III	2	?
K-3636+ V,E,U	III	2	?
K-3808 V,R,U	III	2	?
K-3949 V,E,U	III	2	?

## LG SEEDS

GR8 214 V,R,P,U	II	1	?
GR8 244 V,R,P,U	II	1	?
GR8 282 V,R,P,U	II	1	?
GR8 327 V,R,P,U	III	1-4	?
GR8 335 V,R,P,U	III	1-4	?
GR8 383 V,R,P,U	III	2-4	?
GR8 397 V,R,P,U	III	2-4	?

## LEADER

L-245 V,R,C,T	II	U	?
L-330 V,R,C,T	III	U	?

## LEWIS

285 V,R,T	II	1,2	S
329 V,R,T	III	2	S
349 V,R,T	III	2-4	S
362 V,R,T	III	2-4	S
388 V,R,T	III	2-4	R 3,14
405 V,R,T	IV	5	R 3,14
472 V,R,T	IV	5	S

## LYNKS

5298 V,R,U	II	1-4,U	S
5373 V,R,U	III	2-5	S
5380 V,R,U	III	2-5	R 3,4,14
EX 48 V,R,U	IV	5	S

## MC ALLISTER

CONQUEROR V,R,U	II	2	S
MONARCH V,R,U	III	2	S

## MERSCHMAN

APACHE V V,R,T	II	1,2	S
ATLANTA III V,R,U	IV	5	S

\*See page 11 for key to trial locations



## 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

## MERSCHMAN, continued

AUSTIN II V,R,T	IV	5	S
CHICKASAW II V,R,T	II	1,2	S
CHICKASAW III V,R,U	II	1,2	S
CLEVELAND III V,R,U	IV	5	S
COMANCHE IV V,R,T	II	1,2	S
COOLIDGE V,R,T	III	2	S
DALLAS V,R,T	IV	5	S
DALLAS II V,R,T	IV	5	S
EISENHOWER III V,R,T	III	2-4	S
FILLMORE IV V,R,U	III	2-4	S
HOOVER III V,R,T	III	1,2	S
HOUSTON III V,R,T	IV	5	R 3,4
KENNEDY IV V,R,T	III	2-4	S
MARS II V,R,U	I	1	S
MOHAVE II V,R,U	II	1,2	S
MOHAWK V,R,T	II	1,2	S
MOHEGAN II V,R,U	II	1,2	S
NAVAHO IV V,R,U	II	1,2	S
NORFOLK V,R,T	IV	2-5	S
NORFOLK II V,R,T	IV	2-5	S
OSAGE II V,R,U	II	1,2	S
RICHMOND II V,R,T	IV	5	R 3,4
RICHMOND III V,R,T	IV	5	R 3,4
SAUK V B,R,T	II	1,2	S
SHAWNEE V V,R,U	II	1,2	S
TRUMAN IV V,R,U	III	2-4	S
VENUS II V,R,T	I	1	S
MILES			
DANIEL V,R,P,U	III	6	S
DAVID V,R,P,U	IV	6	R 3,14
JOSHUA V,R,P,U	IV	6	S
SAMUEL V,R,P,U	V	6	R 3,14
MUIRHEAD			
MF 228 V,R,T	II	1	?
MF 252 V,R,T	II	1	?
MF 261 V,R,T	II	1	?
MF 272 V,R,T	II	1	?
MF 299 V,R,T	II	1	?
MW OILSEEDS			
2670 X V,E,U	II	1	S
3680 X V,E,U	III	2-5	S
4650 X V,E,U	IV	5	S
MYCOGEN			
277 V,R,U	II	1	?
339 V,R,U	III	2-4	?
356 V,R,U	III	2-4	?
395 V,R,U	III	5	?
429 V,R,U	IV	5	?
AG 439 V,R,U	III	4	?
AG 545 V,R,U	IV	5	?
J-251 V,R,U	II	1	?
NOBLEBEAR			
NB 2585 V,R,U	II	1-4,U	S
NB 2710 V,R,U	II	1	S
NB 3110 V,R,U	III	2-4,U	S
NB 3708 V,R,T	III	2-4	S

## 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

## NORTHROP KING

S 24-92 V,R,P,U	II	1,2	?
S 30-06 V,R,P,U	III	1-4	?
S 35-35 V,R,P,U	III	2-4	?
S 39-11 V,R,P,U	III	5,6	?
S 39-41 V,R,P,U	III	4	?
S 42-32 V,R,P,U	IV	4-6	?
S 42-60 V,R,P,U	IV	5,6	?
S 46-44 V,R,P,U	IV	5,6	?
S 52-25 V,R,P,U	V	6	?
X 9426 V,E,P,U	II	1,2	?
X 9429 V,R,P,U	II	2-4	?
PIONEER			
9204 V,R,P,U	II	1	S
9231 V,R,P,U	II	1	S
9252 V,R,P,U	II	1	S
9273 V,R,P,U	II	1,2,U	S
9281 V,R,P,U	II	1,2,U	S
9304 V,R,P,U	III	1,2,U	S
9321 V,R,P,U	III	1,2,U	S
9342 V,R,P,U	III	1-4,U	S
9362 V,R,P,U	III	2-5,U	R 3,14
9381 V,R,P,U	III	2-5,U	S
9392 V,R,P,U	III	2-6,U	S
9394 V,R,P,U	III	5,6	R 3,14
9444 V,R,P,U	IV	5,6	R 3,14
9451 V,R,P,U	IV	5,6	R 3,14
9452 V,R,P,U	IV	5,6	S
9472 V,R,P,U	IV	5,6	R 3,14
9521 V,R,P,U	V	6	R 3,14
PRAIRIE HERITAGE			
PH 2900 V,R,U	II	U	?
PH 3250 V,R,U	III	U	?
PH 3400 V,R,U	III	U	?
PH 3700 V,R,U	III	4	?
PRAIRIE STREAM			
PSF 350 N V,R,U	III	4	R ?
PSF 368 A V,R,U	III	4	S
PRINCETON			
PF 3787 V,R,U	III	5	S
PF 3794 V,R,U	III	5	S
PF 4191 V,R,U	IV	5	S
PF 4391 V,R,U	IV	6	S
PF 4594 V,R,U	IV	6	R 3,14
PF 4793 V,R,U	IV	6	S
PRO-SEED			
PS MYRON X,V,R,U	III	2-4	S
PROFISEED			
PS 2555 V,R,U	II	1	S
PSX 2720 V,R,U	II	1,U	S
PUBLIC VARIETIES			
ARCHER V,R,CP,U	I	1-4,U	S
BELL V,R,CP,U	I	1-4,U	R 3,4
BRONSON V,R,CP,U	IV	2-6,U	R 3,4
BURLISON V,R,CP,U	II	1-4,U	S
CHAMBERLAIN V,R,C,U	III	1-6,U	S
CHAPMAN V,R,CP,U	II	1-4,U	S
CONRAD 94 V,E,U	II	1-4,U	?

\*See page 11 for key to trial locations



## 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

## PUBLICS, continued

DELLOY 4210 V,R,CP,U . . . IV 5,6 R 3,4  
 DELSOY 4710 V,R,CP,U . . . IV 5,6 R 3,4  
 EDISON V,R,CP,U . . . . . III 1-6,U S  
 FLYER V,R,CP,U . . . . . IV 2-6,U S  
 HAMILTON V,R,CP,U . . . . IV 2-6,U S  
 HOBBIT 87 V,R,CP,U . . . . III 1-6,U S  
 KENWOOD 94 V,E,U . . . . . II 1-4,U ?  
 JACK V,R,CP,U . . . . . II 1-4,U R 3,4  
 KS 4694 V,R,CP,U . . . . . IV 5,6 S  
 LINFORD V,R,C,U . . . . . III 2-6,U R 3,4  
 NILE V,R,C,U . . . . . IV 2-6,U R 3  
 PIATT V,R,CP,U . . . . . III 1-6,U S  
 PROBST V,E,U . . . . . III 1-6,U ?  
 RESNIK V,R,CP,U . . . . . III 1-6,U S  
 SALINE V,R,CP,U . . . . . III 2-6,U R 3,4  
 SPRY V,R,CP,U . . . . . IV 5,6 S  
 THORNE V,R,CP,U . . . . . III 1-6,U S  
 WILLIAMS 82 V,R,C,U . . . . III 4-6,U S  
 YALE V,E,U . . . . . III 2-6,U R 3,4

## QUALITY PLUS

Q 335 V,R,CP,U . . . . . III 2 S  
 Q 345 V,R,CP,U . . . . . III 2 S

## RIDGWAY

J EX 3431 V,E,T . . . . . IV 6 R 3,14  
 JADER 3640 V,R,T . . . . . III 5 S  
 JADER 3940 V,R,T . . . . . III 5,6 S  
 JADER 4221 V,R,T . . . . . IV 5 R 3,14  
 JADER 4730 V,R,T . . . . . IV 5,6 S  
 JADER 5131 V,R,T . . . . . V 6 R 3

## ROESCHLEY

8243 V,R,U . . . . . II 1 S

## SIEBEN

263 V,R,T . . . . . II 1 S  
 275 V,R,T . . . . . II 1,2 S  
 285 V,R,T . . . . . II 1,2 S  
 291 V,R,T . . . . . II 1,2 S  
 331 V,R,T . . . . . III 2 S  
 343 V,R,T . . . . . III 2 S

## SOUTHERN STATES

FFR-398 V,R,P,U . . . . . III 6 S  
 FFR-439 V,R,P,U . . . . . IV 6 S  
 FFR-442 V,R,P,U . . . . . IV 6 S  
 FFR-471 V,R,P,U . . . . . IV 6 S  
 FFR-493 V,R,P,U . . . . . IV 6 S  
 FFR-500 V,R,P,U . . . . . V 6 R 3,14  
 FFR-553 V,R,P,U . . . . . V 6 S  
 FFR-563 V,R,P,U . . . . . V 6 R 3,14  
 SS-390 V,R,P,U . . . . . III 6 S  
 SS-531 V,R,P,U . . . . . V 6 R 3,14

## SPARTA

S-265 V,R,U . . . . . II 3,U R 3,4  
 S-345 V,R,U . . . . . III 3 S

## STEWART

244 V,R,U . . . . . II 1,2 ?  
 252 V,R,U . . . . . II 1,2 ?  
 321 V,R,U . . . . . III 2 ?  
 324 V,R,U . . . . . III 2 ?

## 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

## STEWART, continued

336 V,R,U . . . . . III 2 ?  
 346 V,R,U . . . . . III 2 ?  
 CHARLESTON V,R,C,T . . . . III 2,U ?  
 DUNBAR V,R,C,U . . . . . III 2 ?

## STINE

2430 X V,R,U . . . . . II 1 S  
 2570 X V,R,U . . . . . II 1,2 S  
 2590 X V,R,U . . . . . II 2 S  
 2620 X V,E,U . . . . . II 1 S  
 2660 X V,E,U . . . . . II 1,2 S  
 3490 X V,R,U . . . . . III 3,5 S  
 3510 X V,R,U . . . . . III 2-4 S  
 3562 CNX V,R,U . . . . . III 5 R 3,14  
 3630 X V,R,U . . . . . III 2-4 S  
 3660 X V,R,U . . . . . III 2-4 S  
 4322 CNX V,R,U . . . . . IV 5,6 R 3,14  
 4390 X V,R,U . . . . . IV 6 S  
 4582 CNX B,R,U . . . . . IV 5,6 R 3,14  
 4680 X V,E,U . . . . . IV 6 S

## STONE

SE-291 V,R,U . . . . . II 4,U S  
 SE-305+ V,R,U . . . . . III 5,6 R 3,14  
 SE-349 V,R,U . . . . . III 4,U S  
 SE-351 V,R,U . . . . . III 4 S  
 SE-355 V,R,U . . . . . III 2-4 S  
 SE-4010 N V,R,U . . . . . IV 6 R 3,14

## SUN-AG

LORENE V,R,U . . . . . III 2,U S  
 SAS 2198 V,R,U . . . . . II 1 S  
 SAS 2989 V,R,U . . . . . II 2 R ?  
 SAS 3172 V,R,U . . . . . III 2 R ?  
 ST 2220 V,R,U . . . . . II 2 S

## SUNSTAR

2340 V,R,T . . . . . II 1 S  
 2350 V,R,T . . . . . II 1 S  
 2660 V,R,T . . . . . II 1,2 S  
 3150 V,R,T . . . . . III 2,U S  
 3320 SCN V,R,T . . . . . III 2 R 3,4  
 EX 2500 V,E,T . . . . . II 1,2 S  
 EX 2800 V,E,T . . . . . II 2,U S  
 EX 2900 V,E,T . . . . . II 2,U S  
 EX 3100 V,E,T . . . . . III 2,U S

## TERRA

E 393 V,E,U . . . . . III 5,6,U S  
 E 4292 V,E,U . . . . . IV 5,6 R 3,14  
 E 4792 V,E,U . . . . . IV 5,6 R 3,14  
 FINALIST V,R,U . . . . . III 2-4,U S  
 FLAME V,R,U . . . . . II 2-4,U S  
 TORCH V,R,U . . . . . III 2-4,U S  
 TS 205 V,R,U . . . . . II 1 S  
 TS 253 V,R,U . . . . . II 1-4,U S  
 TS 282 V,R,U . . . . . II 1-4,U S  
 TS 312 V,R,U . . . . . III 2-4,U S  
 TS 402 V,R,U . . . . . IV 5,6,U S  
 VICTORY V,R,U . . . . . III 5,6,U S

## TRI-COUNTY STOCKDALE

COLT V,R,C,U . . . . . II 1 ?

\*See page 11 for key to trial locations

# 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

### TRI-COUNTY STOCKDALE, continued

GA 2293 V,R,C,U ..... II 1,2 ?  
 GA 2992 V,R,C,U ..... II 1,2 ?  
 MUSTANG V,R,C,U ..... II 1,2 ?  
 PINTO V,R,C,U ..... II 1,2 ?

### TRISLER

2613 V,R,U ..... II 1,U S  
 271 V,R,U ..... II 2 S  
 2732 V,R,U ..... II 1 S  
 2812 V,R,U ..... II 1,2 R 3  
 2971 V,R,U ..... II 1,2,U S  
 3033 V,R,U ..... III 2 S  
 3210 V,R,U ..... III 5 S  
 3237 V,R,U ..... III 2 S  
 3311 V,R,U ..... III 1,2,U S  
 3410 V,R,U ..... III 2,5 S  
 3620 V,R,U ..... III 2,5 S  
 3660 V,R,U ..... III 5 S  
 3932 V,R,U ..... III 2,5 S  
 4212 V,R,U ..... IV 5,6 R 3  
 4432 V,R,U ..... IV 5,6 S

### TWIN STATES

9255 V,R,P,T ..... II 2,U S  
 9266 V,R,P,T ..... II U R 3,4  
 9283 V,R,P,T ..... II 2 S  
 9323 V,R,P,T ..... III 1,2,U S  
 9327 V,R,P,T ..... III 2,5,U S  
 9344 V,R,P,T ..... III 2,U S  
 9354 V,R,P,T ..... III 1,2,5,U S  
 9365 V,R,P,T ..... III 2-5,U R 3,4  
 9390 V,R,P,T ..... III 2-6 R 3,4  
 9396 V,R,P,T ..... III 2-6 R 3,4

### VIGORO

V 233 V,R,P,U ..... II 1 S  
 V 293 V,R,P,U ..... II 4 S  
 V 333 V,R,P,U ..... III 4,U S  
 V 363 V,R,P,U ..... III 4,6,U R 3,4  
 V 372 V,R,P,U ..... III 4 S  
 V 443 V,R,P,U ..... IV 6 R 3,4

### WILDY

WS EX 45 V,R,U ..... IV 5,6 R 3  
 WS EX 52 V,E,U ..... IV 5 R ?  
 WS EX 59 V,E,U ..... III 5 R ?

# 1994 ENTRIES

## ENTRY

VARIETY-V RELEASED-R \*\*SUSCEPTIBLE-S  
 BRAND-X CERTIFIED-C \*\*RESISTANT-R  
 BLEND-B PROTECTED-P  
 EXPERIMENTAL-E  
 TREATED-T MAT. CYST  
 UNTREATED-U GROUP TRIAL\* NEM\*\*

### WILKEN

1475 V,R,U ..... 1 1 S  
 1487 V,R,U ..... 1 1 S  
 2367 V,R,U ..... II 1,2 S  
 2370 V,R,U ..... II 1 S  
 2411 V,R,U ..... II 1,2 S  
 2455 V,R,U ..... II 1,2 S  
 2458 V,R,U ..... II 1,2 S  
 2516 V,R,U ..... II 1,2,U S  
 2523 V,R,U ..... II 1,2 S  
 2542 V,R,U ..... II 1,2 S  
 2557 V,R,U ..... II 1,2 S  
 2566 A V,R,U ..... II 1,2,U S  
 2570 V,R,U ..... II 1,2 S  
 2571 CN V,R,U ..... II 1,2 R 3,4  
 2591 CN V,R,U ..... II 1,2 R 3,4  
 3406 V,R,U ..... III 1-4 S  
 3436 V,R,U ..... III 1-4 S  
 3468 V,R,U ..... III 2-4 S  
 3477 V,R,U ..... III 2-4 S  
 3621 CN V,R,U ..... III 2-4 R 3,4  
 386-4 V,E,U ..... II 1,2 S  
 EX 0044 V,E,U ..... II 1,2 S  
 EX 08016 V,E,U ..... III 2-4 S  
 EX 3-73 V,E,U ..... III 2 S  
 EX 4-89 V,E,U ..... II 2 S  
 EX 44-05 CN V,E,U ..... II 1,2 R 3,4  
 EX 5-4 G V,E,U ..... II 1,2 S  
 EX 525 V,E,U ..... II 1,2,U S  
 EX 6-03 V,E,U ..... III 2 S  
 EX 6-15 V,E,U ..... III 2 R 3,4  
 EX 631-74 V,E,U ..... II 1,2 S  
 EX 7-01 V,E,U ..... I 1 S  
 EX 72-33 V,E,U ..... III 2-4 S  
 EX 82-71 V,E,U ..... III 2-4 S  
 EX 856 V,E,U ..... I 1 S  
 EX 982 V,R,U ..... II 1 S

\*1 = DeKalb & Dwight 30"

2 = Monmouth & Urbana 30"

3 = Monmouth & Perry 30"

4 = Urbana & Perry 30"

5 = Brownstown & Belleville 30"

6 = Carbondale & Dixon Springs 30"

U = Urbana 7"

# Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing)

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)					2-Yr 3-Yr	
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
<b>MATURITY GROUP I</b>									
<b>COLE GROWER SERVICE</b>									
DYNA-GRO 3180 . . .	57.	52.	62.	9/09	2.3	36.	1.0	56.7	54.9
<b>DERAEDT SEED CO.</b>									
1776 . . . . .	62.	64.	61.	9/05	1.6	34.	1.0	60.3	57.9
<b>MERSCHMAN SEEDS</b>									
MARS II . . . . .	58.	59.	57.	9/09	1.8	36.	1.0		
VENUS II . . . . .	62.	61.	62.	9/06	1.8	35.	1.0	58.3	56.9
<b>PUBLIC VARIETY</b>									
ARCHER . . . . .	62.	62.	63.	9/06	1.9	39.	1.0	58.9	55.5
BELL . . . . .	60.	62.	57.	9/09	2.2	37.	1.0	58.6	56.8
<b>WILKEN SEED GRAINS</b>									
1475 . . . . .	61.	58.	64.	9/09	2.2	35.	1.0	58.5	57.8
1487 . . . . .	54.	51.	57.	9/04	2.3	37.	1.0	52.6	
EX 7-01 . . . . .	62.	60.	65.	9/03	1.7	37.	1.0		
EX 856 . . . . .	64.	63.	65.	9/05	1.9	32.	1.0		
AVERAGE . . . . .	60.2	59.1	61.4	..	2.0	36	1.0	57.7	56.6
L.S.D. 10% LEVEL . .	6.0	5.8	6.6	..	0.3	..	..	..	..
L.S.D. 30% LEVEL . .	3.7	3.5	4.1	..	0.2	..	..	..	..
C.V. % . . . . .	5.2	6.9	7.6	..	8.7	..	..	7.5	3.7
STD ERR OF TRT MN	1.8	2.4	2.7	..	0.1	..	..	2.5	1.2

## MATURITY GROUP II

<b>AGRINETICS</b>									
AGRISOY 2205	63.	61.	65.	9/10	2.8	37.	1.0	60.7	
AGRISOY 2209	67.	69.	66.	9/11	1.9	37.	1.0	64.7	62.2
AGRISOY 2218	69.	70.	69.	9/11	1.5	38.	1.0		
AGRISOY 222	63.	61.	65.	9/16	2.0	38.	1.0	60.6	57.8
AGRISOY 240	62.	64.	61.	9/16	2.6	40.	1.0	60.5	59.5
<b>ASGROW SEED CO.</b>									
A 2242	64.	61.	67.	9/11	2.1	37.	1.0	63.3	60.0
A 2396	62.	60.	64.	9/07	2.0	39.	1.0	59.5	54.7
A 2506	65.	64.	65.	9/14	1.5	37.	1.0	62.0	58.7
A 2835	61.	63.	58.	9/15	2.2	37.	1.0	60.2	55.4
<b>BAIRD SEED FARMS</b>									
B-2494	63.	64.	62.	9/18	2.0	44.	1.0		
<b>CIBA SEEDS</b>									
3253	66.	69.	64.	9/11	1.7	37.	1.0	63.7	
<b>COLE GROWER SERVICE</b>									
DYNA-GRO 3256	65.	68.	63.	9/10	2.1	36.	1.0	62.3	
DYNA-GRO 3276	67.	63.	71.	9/13	2.2	40.	1.0		
DYNA-GRO 3290	64.	65.	63.	9/16	2.6	43.	1.0	61.0	
UAPX 128	72.	74.	70.	9/11	1.6	38.	1.0		
<b>CUSTOM FARM SEED</b>									
215	64.	67.	60.	9/13	1.7	36.	1.0	64.4	
235	63.	61.	66.	9/14	2.2	40.	1.0		
245	61.	62.	60.	9/10	2.5	39.	1.0	61.2	
<b>DAIRYLAND SEED CO.</b>									
DSR-222	64.	63.	65.	9/14	2.1	39.	1.0	61.8	
DSR-250 STS	67.	67.	66.	9/17	1.9	39.	1.0	64.1	
DSR-253 N	62.	60.	63.	9/13	1.9	38.	1.0	59.9	
DSR-262	62.	64.	60.	9/15	2.4	41.	1.0	60.5	59.0
DSR-277	66.	66.	67.	9/17	1.9	39.	1.0		
DSR-292	67.	70.	65.	9/14	2.2	40.	1.0		
DSR-296 N	61.	62.	61.	9/15	2.2	42.	1.0		
DST-2115	66.	66.	66.	9/13	1.9	38.	1.0		
DST-2325	62.	58.	67.	9/18	2.1	44.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
DEKALB GENETICS CORP.									
CX 232	66.	65.	66.	9/08	1.8	35.	1.0	63.8	
CX 250 B	71.	71.	70.	9/12	1.7	39.	1.0	66.5	64.2
CX 252	61.	56.	65.	9/09	2.5	38.	1.0		
CX 259	61.	58.	65.	9/11	2.9	39.	1.0	57.7	55.7
CX 267	61.	58.	65.	9/13	2.7	40.	1.0	60.3	56.1
DERAEDT SEED CO.									
2000	64.	64.	63.	9/13	2.1	40.	1.0	59.7	57.4
2101	67.	64.	71.	9/14	2.3	41.	1.0	63.6	60.3
2221	73.	76.	71.	9/12	1.3	33.	1.0		
2333	66.	71.	62.	9/12	1.6	38.	1.0		
2345	66.	65.	66.	9/10	1.9	37.	1.0	64.0	61.5
GOLDEN HARVEST									
H-1213	64.	62.	66.	9/09	1.7	36.	1.0		
H-1263	63.	65.	62.	9/11	1.8	36.	1.0	62.6	59.6
H-1264	70.	72.	69.	9/14	1.7	36.	1.0	65.8	62.8
H-1271	63.	61.	64.	9/14	2.3	42.	1.0	59.5	56.2
X-227	67.	68.	66.	9/09	1.2	33.	1.0	64.9	
GREAT LAKES HYBRIDS									
GL 2237	66.	69.	64.	9/10	1.5	36.	1.0		
GL 2415	66.	67.	66.	9/12	1.7	37.	1.0	63.3	60.4
GRIFFITH SEED CO.									
PL 2012	63.	62.	63.	9/08	1.8	35.	1.0		
PL 2025	65.	65.	65.	9/13	1.8	33.	1.0	64.4	60.1
GROWMARK									
HS 2220	64.	62.	66.	9/12	2.6	43.	1.0	59.9	
HS 2602	63.	64.	62.	9/09	1.9	36.	1.0	62.2	58.9
HS 2700	62.	61.	64.	9/11	2.6	39.	1.0	61.4	
HS E 211	64.	68.	60.	9/07	1.8	37.	1.0		
HS E 223	64.	66.	62.	9/11	1.9	33.	1.0		
HS E 231	63.	64.	63.	9/09	1.2	34.	1.0		
HS HT 261 STS	69.	69.	69.	9/15	1.5	40.	1.0		
HENKEL SEEDS									
SS 518	67.	67.	67.	9/10	1.8	34.	1.0	63.4	60.6
SS 5195	65.	67.	63.	9/12	1.8	38.	1.0	62.9	
SS 5235	65.	63.	67.	9/10	2.4	41.	1.0	62.5	
SS 5238	68.	68.	68.	9/16	1.7	38.	1.0		
SS 5503	61.	60.	62.	9/14	2.0	37.	1.0		
HYPERFORMER SEED CO.									
HY 244	67.	66.	67.	9/11	1.8	35.	1.0		
HY 271	62.	60.	65.	9/13	2.4	39.	1.0		
I.C.I. SEEDS									
D-260	67.	66.	67.	9/10	1.8	34.	1.0	64.3	60.7
D-284	61.	60.	61.	9/14	2.6	42.	1.0	59.8	
D-297	63.	59.	67.	9/12	1.9	37.	1.0	61.0	57.8
EX 4267	65.	63.	67.	9/15	1.9	34.	1.0		
EX 4278	71.	70.	71.	9/11	2.1	37.	1.0		
INTERSTATE PAYCO SEED									
9225	64.	64.	64.	9/12	1.7	34.	1.0	63.9	60.4
9327	66.	65.	68.	9/16	2.1	43.	1.0		
9329	61.	61.	60.	9/14	2.5	38.	1.0	60.5	
J M SCHULTZ SEED CO.									
JMS 2575	64.	63.	65.	9/15	1.8	35.	1.0	63.3	61.7
KSC/CHALLENGER SEED									
K-2303	73.	72.	73.	9/11	2.3	36.	1.0		
K-2303+	62.	63.	61.	9/11	2.1	37.	1.0		
K-2444	64.	64.	65.	9/09	2.3	35.	1.0		
K-2505	67.	65.	68.	9/12	2.0	39.	1.0	63.5	
K-2525	66.	67.	64.	9/10	1.8	34.	1.0		
K-2555	67.	65.	69.	9/15	2.6	38.	1.0		

# Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
KSC/CHALLENGER, continued									
K-2616	64.	64.	65.	9/15	2.4	41.	1.0		
K-2626	68.	66.	69.	9/15	2.3	40.	1.0	63.4	
K-2800	72.	74.	70.	9/11	2.0	38.	1.0	67.0	63.5
K-2848	68.	66.	70.	9/17	2.2	38.	1.0		
K-2949	64.	65.	62.	9/14	2.6	42.	1.0	62.2	60.6
KALTENBERG SEED FARMS									
KB 241	65.	62.	67.	9/11	2.0	36.	1.0	63.8	61.2
KB 254	67.	67.	67.	9/11	2.2	39.	1.0		
KB 274	75.	76.	74.	9/14	1.4	35.	1.0		
KRUGER SEED CO.									
K-2021	64.	67.	61.	9/09	2.5	36.	1.0		
K-2222	65.	64.	67.	9/08	1.5	36.	1.0		
K-2323+	71.	71.	71.	9/10	1.6	36.	1.0		
K-2616	71.	71.	71.	9/09	1.9	38.	1.0		
K-2616 A	74.	74.	75.	9/12	1.5	38.	1.0		
K-2727	70.	70.	70.	9/14	1.7	38.	1.0	65.8	63.1
K-2727+	65.	64.	67.	9/09	2.1	34.	1.0		
K-2828	74.	75.	73.	9/13	1.2	34.	1.0	67.4	
K-2838	72.	75.	69.	9/17	1.9	37.	1.0		
K-2928+	69.	72.	67.	9/18	2.2	41.	1.0		
LEWIS HYBRIDS									
285	64.	64.	64.	9/15	2.4	39.	1.0		
LG SEEDS									
GR8 214	67.	69.	64.	9/15	1.4	39.	1.0		
GR8 244	66.	65.	67.	9/14	1.7	34.	1.0	61.9	
GR8 282	69.	66.	71.	9/13	1.9	41.	1.0	64.5	60.2
LYNKS SEEDS									
5298	62.	62.	61.	9/17	2.3	39.	1.0	61.0	
MERSCHMAN SEEDS									
APACHE V	67.	67.	66.	9/10	1.8	33.	1.0	63.3	60.3
CHICKASAW II	68.	69.	67.	9/15	1.9	36.	1.0	64.3	61.0
CHICKASAW III	71.	75.	66.	9/15	1.1	34.	1.0		
COMANCHE IV	59.	52.	66.	9/09	2.2	39.	1.0	59.2	
MOHAVE II	66.	65.	67.	9/12	2.2	38.	1.0		
MOHAWK	68.	70.	66.	9/14	1.6	39.	1.0	64.5	61.7
MOHEGAN II	70.	70.	71.	9/15	1.5	38.	1.0		
NAVAHO IV	61.	61.	62.	9/10	2.1	38.	1.0		
OSAGE II	65.	63.	67.	9/11	1.7	39.	1.0		
SAUK V	65.	65.	66.	9/13	2.0	38.	1.0		
SHAWNEE V	62.	63.	61.	9/10	2.2	36.	1.0		
MIDWEST OILSEEDS									
2670 X	74.	77.	71.	9/16	1.3	35.	1.0		
MUIRHEAD FARMS									
MF 228	67.	66.	68.	9/11	1.9	37.	1.0		
MF 252	70.	69.	70.	9/13	1.9	45.	1.0	65.4	
MF 261	65.	63.	67.	9/14	2.2	41.	1.0		
MF 272	67.	66.	68.	9/14	1.7	33.	1.0	64.2	
MF 299	65.	64.	65.	9/14	2.5	40.	1.0	62.9	61.1
MYCOGEN PLANT SCIENCES									
277	66.	67.	64.	9/11	2.3	38.	1.0		
J-251	64.	65.	64.	9/09	1.8	36.	1.0	64.0	61.0
NOBLEBEAR									
NB 2585	65.	66.	65.	9/10	2.1	37.	1.0	64.2	
NB 2710	68.	64.	72.	9/09	2.2	37.	1.0		
NORTHROP KING CO.									
S 24-92	63.	62.	64.	9/09	1.8	35.	1.0	60.9	58.9
X 9426	61.	56.	65.	9/10	2.0	38.	1.0		
PIONEER HI-BRED INTERN.									
9204	62.	62.	63.	9/07	1.9	34.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PIONEER, continued									
9231	59.	62.	57.	9/11	1.8	34.	1.0		
9252	64.	63.	66.	9/09	1.6	34.	1.0	61.9	
9273	63.	62.	64.	9/13	2.2	39.	1.0	62.3	58.7
9281	64.	65.	63.	9/12	1.8	35.	1.0		
PROFISEED									
PS 2555	66.	67.	64.	9/10	2.0	36.	1.0	63.2	
PSX 2720	71.	71.	71.	9/12	1.3	34.	1.0		
PUBLIC VARIETY									
BURLISON	60.	59.	61.	9/13	2.5	39.	1.0	57.1	53.8
CHAPMAN	59.	58.	60.	9/11	2.5	37.	1.0	57.5	53.6
CONRAD 94	61.	61.	62.	9/12	2.3	36.	1.0		
JACK	68.	71.	65.	9/20	2.7	44.	1.0	65.2	63.6
KENWOOD 94	59.	57.	62.	9/11	2.8	38.	1.0		
ROESCHLEY									
8243	68.	66.	70.	9/11	1.9	38.	1.0		
SIEBEN HYBRIDS									
263	65.	67.	63.	9/13	1.6	34.	1.0		
275	62.	62.	62.	9/12	2.2	44.	1.0	59.1	56.0
285	62.	63.	61.	9/14	2.3	39.	1.0	60.6	58.6
291	59.	62.	56.	9/16	1.7	38.	1.0	58.9	56.5
STEWART HYBRIDS									
244	63.	67.	59.	9/14	1.5	37.	1.0		
252	66.	69.	63.	9/12	1.3	40.	1.0		
STINE SEED CO.									
2430 X	65.	66.	65.	9/09	1.3	33.	1.0		
2570 X	63.	65.	61.	9/16	1.3	30.	1.0		
2620 X	70.	71.	69.	9/12	1.6	35.	1.0		
2660 X	66.	65.	67.	9/12	2.4	34.	1.0		
SUN-AG SEED									
SAS 2198	67.	69.	65.	9/10	2.0	40.	1.0		
SUNSTAR HYBRIDS									
2340	62.	65.	59.	9/13	2.7	40.	1.0		
2350	64.	66.	62.	9/11	2.1	38.	1.0		
2660	67.	70.	64.	9/13	1.3	33.	1.0		
EX 2500	63.	65.	61.	9/15	2.1	33.	1.0		
TERRA INTERNATIONAL									
TS 205	62.	65.	59.	9/09	2.5	37.	1.0	59.7	56.4
TS 253	67.	69.	65.	9/12	2.0	38.	1.0	64.2	59.9
TS 282	59.	55.	63.	9/11	3.0	38.	1.0	59.7	
TRI-COUNTY STOCKDALE									
COLT	63.	64.	61.	9/08	1.7	36.	1.0	60.9	
GA 2293	63.	69.	56.	9/13	1.4	36.	1.0	61.9	
GA 2992	63.	60.	66.	9/15	2.4	37.	1.0		
MUSTANG	70.	71.	69.	9/17	2.3	37.	1.0	63.6	61.7
PINTO	66.	65.	68.	9/16	2.3	36.	1.0	61.5	
TRISLER SEED FARMS									
TRISOY 2613	66.	68.	64.	9/10	1.9	35.	1.0	64.8	
TRISOY 2732	67.	62.	71.	9/11	2.2	38.	1.0		
TRISOY 2812	64.	66.	61.	9/19	2.1	41.	1.0		
TRISOY 2971	64.	63.	65.	9/15	2.6	44.	1.0		
VIGORO INDUSTRIES									
V 233	65.	63.	66.	9/06	1.7	38.	1.0		
WILKEN SEED GRAINS									
2367	70.	69.	71.	9/10	1.4	37.	1.0		
2370	63.	60.	65.	9/10	2.0	34.	1.0	61.0	56.8
2411	60.	61.	60.	9/10	2.3	36.	1.0		
2455	63.	58.	69.	9/16	2.2	43.	1.0	61.5	58.5
2458	62.	63.	61.	9/13	2.5	42.	1.0	59.2	56.0
2516	65.	66.	64.	9/13	1.8	35.	1.0	63.3	60.3



# Region I: DeKalb (DE) and Dwight (DW) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
WILKEN, continued									
2523	63.	63.	62.	9/16	2.7	43.	1.0	60.8	59.2
2542	60.	58.	61.	9/11	3.0	40.	1.0	57.5	55.0
2557	62.	59.	65.	9/14	2.4	36.	1.0		
2566 A	64.	63.	66.	9/12	2.4	38.	1.0	61.1	56.4
2570	67.	64.	71.	9/08	2.4	39.	1.0	62.7	59.7
2571 CN	60.	59.	62.	9/18	2.3	45.	1.0	57.7	54.8
2591 CN	61.	60.	63.	9/19	1.7	44.	1.0	58.9	58.5
386-4	65.	65.	65.	9/14	1.6	33.	1.0		
EX 0044	64.	67.	60.	9/10	2.4	39.	1.0		
EX 44-05 CN	65.	65.	65.	9/10	2.0	42.	1.0		
EX 5-4 G	59.	62.	56.	9/10	2.2	39.	1.0		
EX 525	66.	67.	66.	9/12	1.9	38.	1.0		
EX 631-74	58.	59.	58.	9/08	2.7	37.	1.0		
EX 982	67.	66.	67.	9/09	2.0	40.	1.0	63.7	
AVERAGE	65.0	65.0	65.1	..	2.0	38	1.0	62.2	59.1
L.S.D. 10% LEVEL	4.5	4.5	4.5	..	0.4	..	..	..	..
L.S.D. 30% LEVEL	2.8	2.8	2.8	..	0.2	..	..	..	..
C.V. %	3.7	5.1	5.1	..	8.7	..	..	6.4	7.6
STD ERR OF TRT MN	1.4	1.9	1.9	..	0.1	..	..	2.3	2.6

## MATURITY GROUP III

BAIRD SEED FARMS									
B-3292	60.	62.	58.	10/02	2.2	40.	1.0		
B-3594	64.	65.	63.	9/18	1.8	41.	1.0		
CIBA SEEDS									
3311	62.	61.	64.	9/18	1.9	38.	1.0	60.0	55.7
COLE GROWER SERVICE									
DYNA-GRO 3301	60.	59.	60.	9/20	1.6	44.	1.0		
CUSTOM FARM SEED									
314	55.	57.	52.	9/25	2.3	41.	1.0	53.7	
331	60.	61.	58.	9/21	1.5	38.	1.0		
DAIRYLAND SEED CO.									
DSR-305	64.	65.	63.	9/22	2.6	41.	1.0	60.9	58.5
DEKALB GENETICS CORP.									
CX 313	62.	63.	61.	9/21	2.3	43.	1.0		
CX 314	66.	67.	65.	9/18	2.1	39.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DE)	(DW)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
INTERSTATE PAYCO SEED									
9233	66.	69.	62.	9/22	1.6	40.	1.0	62.4	59.9
9432	63.	66.	61.	9/17	2.5	40.	1.0		
KALTENBERG SEED FARMS									
KB 324	63.	65.	60.	9/16	2.7	40.	1.0		
KB 354	63.	66.	59.	9/27	1.7	47.	1.0		
LG SEEDS									
GR8 327	64.	66.	62.	9/18	2.6	40.	1.0	60.6	
GR8 335	64.	67.	60.	9/19	1.8	36.	1.0	61.9	
MERSCHMAN SEEDS									
HOOVER III	62.	62.	63.	9/14	2.6	38.	1.0	60.6	
NORTHROP KING CO.									
S 30-06	62.	64.	59.	9/21	2.0	40.	1.0		
PIONEER HI-BRED INTERN.									
9304	65.	68.	61.	9/16	1.3	35.	1.0	62.1	
9321	64.	62.	65.	9/16	2.9	42.	1.0		
9342	61.	62.	59.	9/21	1.9	41.	1.0		
PUBLIC VARIETY									
CHAMBERLAIN	58.	61.	56.	9/30	2.6	47.	1.0	54.6	53.3
EDISON	57.	61.	54.	9/23	2.0	41.	1.0	54.9	52.9
HOBBIT 87	55.	59.	51.	9/30	1.0	24.	1.0	53.5	51.5
PIATT	62.	65.	59.	9/30	2.1	47.	1.0		
PROBST	59.	62.	56.	9/24	2.4	42.	1.0		
RESNIK	58.	63.	53.	9/19	2.5	40.	1.0	55.9	53.8
THORNE	63.	68.	59.	9/28	2.2	41.	1.0	60.9	58.6
TRISLER SEED FARMS									
TRISOY 3311	64.	67.	62.	9/19	2.5	43.	1.0	60.4	
TWIN STATES									
9323	64.	67.	62.	9/18	1.5	41.	1.0	61.3	
9354	62.	62.	63.	9/27	1.9	41.	1.0		
WILKEN SEED GRAINS									
3406	61.	69.	53.	9/19	2.4	39.	1.0	59.2	
3436	63.	64.	61.	9/17	1.6	40.	1.0		
AVERAGE	61.7	63.8	59.5	..	2.1	41	1.0	58.9	55.5
L.S.D. 10% LEVEL	4.8	5.1	4.6	..	0.5	..	..	..	..
L.S.D. 30% LEVEL	3.0	3.2	2.9	..	0.3	..	..	..	..
C.V. %	3.9	5.8	5.6	..	8.2	..	..	9.4	9.7
STD ERR OF TRT MN	1.4	2.1	1.9	..	0.1	..	..	3.2	3.1

# Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing)

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MATURITY GROUP I									
PUBLIC VARIETY									
ARCHER	51.	59.	42.	9/06	1.6	38.	1.0	52.1	52.6
BELL	53.	59.	47.	9/04	1.7	32.	1.0	53.7	53.7
MATURITY GROUP II									
AINSWORTH SEED CO.									
2A-80	60.	61.	59.	9/15	1.5	37.	1.0		
2A-99	63.	66.	60.	9/17	1.6	34.	1.0		
ASGROW SEED CO.									
A 2835	64.	65.	63.	9/19	1.8	37.	1.0	63.7	62.9

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
CIBA SEEDS									
3253	63.	67.	58.	9/10	1.2	32.	1.0		
COLE GROWER SERVICE									
DYNA-GRO 3256	63.	67.	58.	9/11	1.3	32.	1.0		
DYNA-GRO 3276	65.	67.	63.	9/12	1.6	38.	1.0		
DYNA-GRO 3290	63.	66.	60.	9/16	2.2	38.	1.0	58.2	59.0
CUSTOM FARM SEED									
245	68.	69.	66.	9/15	2.1	37.	1.0	62.8	
DAIRYLAND SEED CO.									
DSR-277	64.	69.	60.	9/17	1.6	35.	1.0		
DSR-292	63.	69.	57.	9/15	1.6	37.	1.0		
DSR-296 N	66.	70.	63.	9/18	1.6	43.	1.0		



# Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
DAIRYLAND, continued									
DST-2325	64.	66.	62.	9/11	1.5	37.	1.0		
DEKALB GENETICS CORP.									
CX 267	61.	66.	56.	9/09	2.1	39.	1.0	59.1	58.6
CX 291	60.	60.	59.	9/15	2.3	39.	1.0	58.1	57.9
GMA CO.									
SVI 2701	62.	64.	60.	9/12	1.2	34.	1.0		
GOLDEN HARVEST									
H-1263	60.	67.	53.	9/11	1.4	33.	1.0	59.1	
H-1271	62.	66.	58.	9/17	1.8	38.	1.0	59.2	60.0
GREAT LAKES HYBRIDS									
GL 2928	60.	63.	57.	9/18	1.4	33.	1.0	55.9	
GRIFFITH SEED CO.									
PL 2100	59.	63.	54.	9/13	1.7	36.	1.0	56.8	
PL 2120	66.	71.	62.	9/14	1.6	36.	1.0	62.0	61.5
PL 2255	61.	66.	57.	9/14	1.5	32.	1.0		
GROWMARK									
HS 2602	61.	67.	56.	9/12	1.3	33.	1.0	58.5	
HS 2700	59.	60.	58.	9/11	1.6	32.	1.0	57.8	
HS HT 261 STS	61.	68.	55.	9/14	1.4	35.	1.0		
HARMS SEED FARMS									
HSF 7200	53.	65.	41.	9/10	1.3	35.	1.0		
HENKEL SEEDS									
SS 5235	61.	65.	57.	9/13	1.6	34.	1.0		
SS 5238	62.	66.	57.	9/13	1.2	36.	1.0		
SS 620	61.	64.	58.	9/13	1.5	35.	1.0	59.2	59.4
HOBLIT SEED CO.									
HB 284	63.	68.	58.	9/13	1.9	38.	1.0	59.9	60.0
I.C.I. SEEDS									
D-260	61.	66.	56.	9/09	1.1	31.	1.0		
KALTENBERG SEED FARMS									
KB 274	63.	70.	57.	9/12	1.2	32.	1.0		
KRUGER SEED CO.									
DESOY 303 E	63.	66.	59.	9/16	1.9	33.	1.0	60.8	62.3
K-2808	64.	69.	59.	9/11	1.7	36.	1.0		
K-2818	62.	64.	59.	9/14	1.7	32.	1.0		
K-2820	62.	63.	62.	9/15	1.5	34.	1.0	60.8	
K-2828	63.	70.	56.	9/11	1.3	31.	1.0		
K-2928	63.	67.	59.	9/17	1.5	36.	1.0	62.4	
K-2928+	64.	70.	57.	9/14	2.2	36.	1.0		
K-3006	63.	64.	62.	9/14	1.4	36.	1.0		
K-3030+	67.	67.	66.	9/17	1.7	39.	1.0		
K-3101	62.	64.	59.	9/12	1.9	36.	1.0	59.2	61.7
LEWIS HYBRIDS									
285	62.	66.	58.	9/18	1.7	36.	1.0		
LYNKS SEEDS									
5298	62.	66.	58.	9/13	1.8	35.	1.0	60.3	
MC ALLISTER SEED CO.									
CONQUEROR	62.	67.	56.	9/12	1.2	32.	1.0	61.1	60.9
MERSCHMAN SEEDS									
APACHE V	58.	65.	52.	9/10	1.3	31.	1.0	58.6	59.8
CHICKASAW II	63.	70.	56.	9/10	1.5	33.	1.0	59.5	60.5
CHICKASAW III	62.	69.	54.	9/12	1.0	30.	1.0		
COMANCHE IV	59.	62.	55.	9/08	1.5	35.	1.0		
MOHAVE II	68.	69.	68.	9/15	1.7	35.	1.0		
MOHAWK	56.	61.	51.	9/12	1.5	34.	1.0		
MOHEGAN II	61.	68.	54.	9/08	1.3	33.	1.0		
NAVAHO IV	53.	60.	46.	9/08	1.3	34.	1.0		
OSAGE II	56.	61.	52.	9/06	1.2	34.	1.0		
SAUK V	58.	63.	52.	9/09	1.3	32.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MERSCHMAN, continued									
SHAWNEE V	62.	68.	57.	9/10	1.3	31.	1.0		
NOBLEBEAR									
NB 2585	62.	68.	56.	9/10	1.2	32.	1.0		
NORTHROP KING CO.									
S 24-92	62.	65.	58.	9/09	1.2	33.	1.0		
X 9426	61.	65.	57.	9/10	1.3	33.	1.0		
X 9429	62.	68.	57.	9/20	1.7	36.	1.0		
PIONEER HI-BRED INTERN.									
9273	64.	65.	64.	9/10	1.6	34.	1.0	62.0	62.4
9281	60.	62.	59.	9/12	1.2	32.	1.0		
PUBLIC VARIETY									
BURLISON	58.	60.	57.	9/13	1.8	36.	1.0	56.6	56.1
CHAPMAN	61.	64.	58.	9/14	1.9	36.	1.0	58.1	58.2
CONRAD 94	59.	61.	57.	9/09	1.6	34.	1.0		
JACK	61.	68.	55.	9/19	2.4	46.	1.0	60.2	61.0
KENWOOD 94	58.	63.	52.	9/09	2.0	34.	1.0		
SIEBEN HYBRIDS									
275	60.	63.	56.	9/11	1.8	39.	1.0		
285	62.	67.	58.	9/15	1.8	41.	1.0	57.8	59.0
291	61.	64.	59.	9/16	1.3	36.	1.0	58.2	59.3
STEWART HYBRIDS									
244	56.	64.	49.	9/07	1.1	32.	1.2		
252	54.	64.	44.	9/07	1.3	36.	1.0		
STINE SEED CO.									
2570 X	62.	68.	55.	9/11	1.0	26.	1.0		
2590 X	63.	67.	60.	9/19	1.2	35.	1.0		
2660 X	66.	69.	63.	9/14	1.5	33.	1.0		
SUN-AG SEED									
SAS 2989	57.	61.	54.	9/17	1.3	38.	1.0	57.6	
ST-2220	62.	67.	56.	9/16	1.5	32.	1.0	60.1	61.9
SUNSTAR HYBRIDS									
2660	57.	64.	49.	9/07	1.1	35.	1.3		
EX 2500	61.	66.	57.	9/11	1.5	35.	1.0		
EX 2800	67.	68.	65.	9/15	1.7	35.	1.0		
EX 2900	63.	66.	60.	9/17	2.0	35.	1.0		
TERRA INTERNATIONAL									
FLAME	65.	68.	62.	9/19	2.0	37.	1.0	60.9	62.5
TS 253	63.	64.	62.	9/10	1.4	33.	1.0	61.2	61.6
TS 282	62.	68.	56.	9/13	2.0	39.	1.0	60.5	
TRI-COUNTY STOCKDALE									
GA 2293	56.	66.	45.	9/03	1.2	31.	1.2		
GA 2992	61.	66.	56.	9/13	1.7	32.	1.0		
MUSTANG	60.	70.	50.	9/13	2.0	34.	1.0	57.1	58.6
PINTO	63.	65.	62.	9/13	1.7	37.	1.0	61.6	
TRISLER SEED FARMS									
TRISOY 271	62.	64.	60.	9/18	1.4	33.	1.0	59.9	62.1
TRISOY 2812	64.	67.	61.	9/19	1.8	41.	1.0		
TRISOY 2971	60.	65.	56.	9/13	1.7	36.	1.0		
TWIN STATES									
9255	63.	70.	57.	9/15	1.3	42.	1.0		
9283	60.	65.	55.	9/16	2.1	38.	1.0	57.1	
WILKEN SEED GRAINS									
2367	57.	67.	48.	9/07	1.2	34.	1.0		
2411	57.	61.	53.	9/12	1.5	35.	1.0		
2455	58.	67.	49.	9/11	1.6	38.	1.0	56.6	58.2
2458	61.	66.	57.	9/11	2.2	39.	1.0	59.4	57.4
2516	61.	67.	55.	9/11	1.2	32.	1.0	60.0	
2523	62.	67.	57.	9/16	1.8	36.	1.0	57.8	58.3
2542	59.	61.	56.	9/11	2.1	38.	1.0	54.6	56.4

## Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
WILKEN, continued									
2557	65.	64.	65.	9/17	1.7	36.	1.0		
2566 A	62.	63.	60.	9/14	1.3	38.	1.0	60.2	59.9
2570	63.	70.	56.	9/13	1.6	37.	1.0	59.1	59.4
2571 CN	60.	63.	57.	9/17	1.5	41.	1.0	55.4	56.7
2591 CN	59.	58.	60.	9/17	1.3	38.	1.0	57.5	58.8
386-4	64.	68.	61.	9/14	1.1	29.	1.0		
EX 0044	62.	69.	55.	9/11	1.9	37.	1.0		
EX 4-89	61.	66.	57.	9/17	1.6	35.	1.0		
EX 44-05 CN	56.	63.	50.	9/07	1.5	34.	1.0		
EX 5-4 G	60.	61.	59.	9/07	1.4	35.	1.0		
EX 525	63.	69.	58.	9/14	1.6	35.	1.0		
EX 631-74	61.	67.	55.	9/07	2.1	36.	1.0		
AVERAGE GROUP I-II	61.1	65.3	56.8		1.6	35	1.0	58.9	59.4
L.S.D. 10% LEVEL	5.3	3.9	6.3		0.4		0.1		
L.S.D. 30% LEVEL	3.3	2.5	4.0		0.2		0.1		
C.V. %	4.5	4.5	8.3		10.8		0.0	6.8	7.0
STD ERR OF TRT MN	1.6	1.7	2.7		0.1		0.0	2.3	2.4

### MATURITY GROUP III

#### AGRATECH SEEDS

340	66.	61.	70.	9/24	1.8	40.	1.0		
350	63.	66.	60.	9/24	1.7	42.	1.0	60.6	61.7
362	61.	62.	60.	9/24	2.0	42.	1.0		

#### AINSWORTH SEED CO.

3A-27	62.	63.	60.	9/14	1.7	38.	1.0		
3A-75	64.	63.	65.	9/29	2.2	39.	1.0		

#### ASGROW SEED CO.

A 3237	63.	66.	60.	9/23	1.9	40.	1.0	60.8	63.1
A 3304	65.	65.	65.	9/29	2.2	38.	1.0		
A 3431	64.	65.	63.	9/25	1.5	41.	1.0	60.0	60.6
A 3510	63.	64.	63.	10/01	1.6	40.	1.0		

#### CIBA SEEDS

3311	59.	62.	56.	9/15	2.1	37.	1.0	58.6	59.4
3323	59.	61.	56.	9/15	1.7	39.	1.0		
3362	67.	70.	65.	9/21	2.2	40.	1.0	63.4	64.7

#### COLE GROWER SERVICE

DYNA-GRO 3301	60.	63.	57.	9/22	1.8	39.	1.0	59.6	59.9
DYNA-GRO 3303	68.	69.	66.	9/16	2.8	38.	1.0		
DYNA-GRO 3360	59.	60.	57.	9/26	2.6	46.	1.0	55.9	
DYNA-GRO 3368	70.	74.	67.	9/25	2.2	40.	1.0		

#### CUSTOM FARM SEED

314	61.	61.	60.	9/26	2.2	37.	1.0	57.5	
331	62.	64.	60.	9/24	1.3	34.	1.0	62.0	

#### DAIRYLAND SEED CO.

DSR-302	60.	61.	60.	9/22	2.8	43.	1.0		
DSR-305	64.	67.	62.	9/21	2.5	39.	1.0	63.5	63.9
DSR-317	62.	63.	61.	9/29	2.3	41.	1.0	58.7	59.7
DSR-350 STS	61.	63.	59.	9/21	1.7	38.	1.0	58.0	
DSR-373	65.	69.	61.	9/25	1.8	42.	1.0	63.8	63.4
DST-3125	65.	70.	59.	9/23	1.9	37.	1.0		
DST-3126	66.	70.	61.	9/17	2.1	35.	1.0		
DST-3128	62.	65.	59.	9/14	2.1	38.	1.0		
DST-3206	67.	69.	65.	9/19	2.4	40.	1.0		
DST-3308	63.	63.	63.	9/24	2.7	44.	1.0		

#### DEKALB GENETICS CORP.

CX 313	63.	65.	60.	9/23	2.3	41.	1.0	60.9	
CX 314	66.	67.	64.	9/23	2.0	38.	1.0	62.8	

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
DEKALB, continued									
CX 335	63.	63.	63.	9/23	2.4	45.	1.0	59.5	
CX 340 C	65.	68.	62.	9/24	1.7	41.	1.0	63.2	63.6
CX 377	63.	65.	61.	9/23	2.0	44.	1.0		
CX 399	66.	70.	63.	9/26	1.9	44.	1.0		
GMA CO.									
SVI 3401	62.	65.	58.	9/26	2.1	39.	1.0		
SVI 3901	69.	72.	66.	9/26	2.2	41.	1.0		
GOLDEN HARVEST									
H-1328	61.	63.	58.	9/25	1.4	35.	1.0	60.8	
H-1353	66.	65.	67.	9/24	2.3	41.	1.0	62.1	
GREAT LAKES HYBRIDS									
GL 3145	63.	65.	61.	9/16	2.3	38.	1.0		
GL 3337	62.	61.	62.	9/22	2.1	41.	1.0		
GRIFFITH SEED CO.									
PL 3015	61.	62.	60.	9/21	1.6	39.	1.0		
PL 3100	65.	65.	66.	9/21	2.7	42.	1.0	62.6	62.5
PL 3145	66.	68.	64.	9/24	1.4	36.	1.0		
PL 7451 X	67.	69.	64.	9/16	2.7	38.	1.0	63.9	
GROWMARK									
HS 3210	66.	66.	66.	9/24	2.2	42.	1.0	63.1	63.7
HS 3422	63.	63.	64.	9/24	2.0	39.	1.0	62.1	
HS HT 331 STS	66.	66.	66.	9/26	2.2	36.	1.0		
HARMS SEED FARMS									
HSF 3300	60.	57.	62.	9/23	2.2	40.	1.0		
HSF 4300	59.	61.	58.	9/22	1.9	42.	1.0		
HENKEL SEEDS									
SS 7210	62.	65.	59.	9/17	1.7	39.	1.0		
SS 730	62.	65.	59.	9/22	2.6	45.	1.0	60.7	
HOBLIT SEED CO.									
HB 330	61.	63.	60.	9/17	1.7	37.	1.0		
HB 370	62.	59.	65.	9/26	2.4	44.	1.0	59.6	59.7
HYPERFORMER SEED CO.									
HSC 317	65.	71.	59.	9/23	2.1	38.	1.0	62.4	63.0
HSC 339	65.	68.	62.	9/26	1.4	37.	1.0	62.4	
HSC 373	62.	66.	58.	9/23	1.6	41.	1.0		
HY 351	66.	69.	62.	9/20	1.7	40.	1.0		
I.C.I. SEEDS									
D-321	65.	67.	63.	9/16	2.3	37.	1.0		
D-337	67.	67.	66.	9/24	2.1	40.	1.0		
D-348 STS	64.	62.	67.	9/24	1.8	38.	1.0	60.8	
D-371	68.	69.	66.	9/26	2.5	39.	1.0	63.9	65.0
INTERSTATE PAYCO SEED									
9233	64.	67.	61.	9/25	1.5	37.	1.0	62.7	63.8
9338	60.	60.	60.	9/24	2.3	45.	1.0		
9436	61.	64.	57.	9/30	2.4	40.	1.0		
KSC/CHALLENGER SEED									
K-3131	66.	71.	62.	9/16	1.9	35.	1.0		
K-3232	72.	76.	68.	9/21	2.0	35.	1.0		
K-3242	64.	68.	59.	9/14	2.7	42.	1.0		
K-3333+	66.	71.	62.	9/24	1.8	41.	1.0		
K-3434 A	69.	73.	66.	9/24	1.6	43.	1.0		
K-3525	69.	72.	65.	9/23	2.2	40.	1.0		
K-3535	67.	69.	66.	9/19	2.1	39.	1.0		
K-3727	67.	71.	63.	9/20	2.3	38.	1.0		
K-3900	61.	60.	62.	9/24	2.8	44.	1.0		
K-3909+	63.	63.	64.	9/26	2.0	44.	1.0		
KALTENBERG SEED FARMS									
KB 324	66.	65.	67.	9/21	2.4	37.	1.0		
KB 354	64.	66.	62.	9/23	1.6	41.	1.0		

# Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
KALTENBERG, continued									
KB 362	68.	71.	65.	9/23	2.2	39.	1.0		
KRUGER SEED CO.									
K-3268+	66.	69.	62.	9/17	2.0	39.	1.0	63.0	63.5
K-3303+	65.	66.	65.	9/17	2.7	36.	1.0		
K-3333	67.	72.	63.	9/21	2.3	37.	1.0	65.2	65.3
K-3404	64.	66.	62.	9/15	2.5	40.	1.0	63.1	
K-3434	66.	67.	64.	9/24	2.3	41.	1.0	62.2	63.5
K-3505	68.	71.	66.	9/25	2.1	42.	1.0	65.3	65.3
K-3505 A	67.	73.	62.	9/23	2.0	39.	1.0	63.0	64.5
K-3606	69.	68.	70.	9/23	2.2	41.	1.0		
K-3636+	68.	72.	65.	9/21	1.7	35.	1.0		
K-3808	66.	65.	67.	9/26	1.8	41.	1.0	62.2	63.8
K-3949	63.	65.	62.	9/24	2.3	41.	1.0		
LEWIS HYBRIDS									
329	64.	68.	60.	9/25	1.4	38.	1.0	62.4	
349	68.	67.	70.	9/20	2.4	39.	1.0		
362	62.	65.	60.	9/23	1.8	42.	1.0		
388	62.	68.	56.	9/24	1.6	42.	1.0	61.6	
LG SEEDS									
GR8 327	68.	70.	65.	9/17	2.6	40.	1.0	64.7	
GR8 335	66.	69.	62.	9/23	1.4	35.	1.0	64.3	
GR8 383	63.	63.	63.	9/25	2.2	44.	1.0		
GR8 397	64.	63.	66.	9/28	2.5	43.	1.0	59.8	61.7
LYNKS SEEDS									
5373	67.	67.	68.	9/22	2.3	41.	1.0	62.4	
5380	61.	65.	57.	9/28	1.6	42.	1.0		
MC ALLISTER SEED CO.									
MONARCH	66.	64.	67.	9/17	2.6	39.	1.0	63.3	
MERSCHMAN SEEDS									
COOLIDGE	67.	67.	66.	9/22	2.1	39.	1.0	61.0	62.8
EISENHOWER III	65.	64.	65.	9/27	2.0	44.	1.0	59.4	
FILLMORE IV	71.	75.	68.	9/24	2.0	38.	1.0		
HOOVER III	64.	67.	61.	9/15	2.3	36.	1.0	62.9	62.7
KENNEDY IV	71.	72.	70.	9/23	2.4	42.	1.0	65.7	65.4
TRUMAN IV	70.	72.	68.	9/18	2.6	39.	1.0		
MIDWEST OILSEEDS									
3680 X	67.	68.	66.	9/30	2.2	42.	1.0	64.2	
MYCOGEN PLANT SCIENCES									
339	59.	59.	60.	9/24	2.0	32.	1.0		
356	65.	66.	64.	9/23	1.6	38.	1.0		
NOBLEBEAR									
NB 3110	63.	61.	66.	9/17	2.7	38.	1.0		
NB 3708	66.	65.	68.	9/22	2.7	41.	1.0		
NORTHROP KING CO.									
S 30-06	67.	70.	63.	9/20	2.1	39.	1.0	63.4	63.9
S 35-35	66.	66.	65.	9/27	1.7	41.	1.0	63.3	63.6
PIONEER HI-BRED INTERN.									
9304	61.	64.	59.	9/19	1.5	35.	1.0	61.9	
9321	67.	69.	64.	9/16	2.7	40.	1.0		
9342	60.	66.	54.	9/17	2.1	36.	1.0	61.2	
9362	62.	61.	62.	9/24	1.9	43.	1.0	60.3	
9381	65.	66.	65.	9/26	1.9	40.	1.0	61.0	62.5
9392	66.	69.	63.	9/29	1.5	41.	1.0	62.7	64.3
PRO-SEED									
PS MYRON	65.	68.	61.	9/24	1.7	36.	1.0		
PUBLIC VARIETY									
CHAMBERLAIN	59.	62.	57.	9/24	2.8	46.	1.0	58.3	59.4
EDISON	62.	59.	64.	9/22	1.8	40.	1.0	57.5	59.4
HOBBIT 87	57.	60.	54.	9/27	1.0	24.	1.0	54.3	55.2

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(UR)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PUBLICS, continued									
LINFORD	58.	57.	59.	9/28	3.2	47.	1.0		
PIATT	63.	67.	59.	9/23	1.8	41.	1.0	58.6	59.5
PROBST	63.	65.	61.	9/21	2.3	41.	1.0		
RESNIK	58.	58.	57.	9/22	2.3	40.	1.0	56.8	57.9
SALINE	59.	58.	60.	9/30	2.4	45.	1.0	56.3	
THORNE	63.	65.	61.	9/24	1.8	37.	1.0	61.5	61.7
YALE	61.	62.	60.	9/26	1.9	41.	1.0	56.9	
QUALITY PLUS SEED CO.									
Q 335	63.	69.	57.	9/16	1.5	38.	1.0		
Q 345	62.	63.	61.	9/26	2.4	42.	1.0		
SIEBEN HYBRIDS									
331	63.	63.	64.	9/16	2.1	39.	1.0	59.4	60.6
343	59.	61.	57.	9/24	1.9	42.	1.0		
STEWART HYBRIDS									
321	63.	66.	61.	9/14	2.0	37.	1.0	60.8	61.1
324	61.	64.	59.	9/25	1.8	36.	1.0	59.3	59.9
336	66.	70.	62.	9/27	2.1	41.	1.0		
346	68.	67.	68.	9/30	1.9	44.	1.0		
CHARLESTON	66.	70.	62.	9/26	1.2	28.	1.0		
DUNBAR	60.	61.	59.	9/23	2.4	39.	1.0	58.8	
STINE SEED CO									
3510 X	64.	63.	65.	9/21	2.3	37.	1.0		
3630 X	71.	75.	67.	9/21	2.6	39.	1.0		
3660 X	69.	71.	66.	9/24	1.9	37.	1.0		
STONE SEED FARMS									
SE-355	63.	65.	61.	9/29	2.1	44.	1.0		
SUN-AG SEED									
LORENE	60.	56.	65.	9/27	2.2	37.	1.0	56.0	56.2
SAS 3172	61.	63.	60.	9/29	1.8	36.	1.0		
SUNSTAR HYBRIDS									
3150	65.	63.	67.	9/24	2.3	40.	1.0		
3320 SCN	62.	64.	60.	9/26	1.8	34.	1.0		
EX 3100	68.	71.	65.	9/18	2.6	38.	1.0		
TERRA INTERNATIONAL									
FINALIST	63.	61.	64.	9/26	2.2	38.	1.0	59.8	60.6
TORCH	66.	68.	64.	9/25	2.1	42.	1.0	63.6	64.2
TS 312	64.	65.	63.	9/15	2.7	38.	1.0	63.9	63.7
TRISLER SEED FARMS									
TRISOY 3033	62.	68.	57.	9/19	2.2	38.	1.0		
TRISOY 3237	62.	65.	58.	9/16	1.7	37.	1.0		
TRISOY 3311	67.	68.	67.	9/21	2.5	38.	1.0	65.4	65.6
TRISOY 3410	62.	63.	60.	9/26	2.0	41.	1.0	58.8	60.7
TRISOY 3620	67.	70.	65.	9/25	2.3	41.	1.0	61.2	
TRISOY 3932	63.	60.	66.	9/26	2.1	43.	1.0		
TWIN STATES									
9323	60.	64.	56.	9/16	1.6	37.	1.0	60.7	60.7
9327	60.	58.	61.	9/26	2.6	44.	1.0		
9344	67.	71.	63.	9/26	2.1	40.	1.0	62.2	
9354	66.	69.	63.	9/26	2.2	39.	1.0		
9365	64.	68.	60.	9/25	1.9	40.	1.0		
9390	63.	65.	61.	9/26	1.5	40.	1.0	61.5	61.7
9396	61.	62.	60.	9/27	1.6	44.	1.0		
WILKEN SEED GRAINS									
3406	65.	66.	64.	9/17	2.6	40.	1.0	64.5	
3436	60.	65.	56.	9/15	1.6	38.	1.0		
3468	65.	66.	64.	9/23	2.4	40.	1.0		
3477	58.	58.	58.	9/27	2.5	44.	1.0	56.2	58.7
3621 CN	60.	62.	59.	9/22	1.6	41.	1.0	57.6	58.0
EX 08016	61.	61.	60.	10/01	1.8	43.	1.0		



## Region II: Monmouth (MO) and Urbana (UR) (30-inch row spacing), continued

Brand	1994 Results							Average	
	Reg.	(MO)	(UR)					2-Yr	3-Yr
	Cultivar or Blend	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld
		Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A Bu/A
WILKEN, continued									
EX 3-73	65.	69.	61.	9/19	2.1	40.	1.0		
EX 6-03	65.	64.	65.	9/17	2.0	40.	1.0		
EX 6-15	65.	69.	61.	9/25	1.7	43.	1.0		
EX 72-33	66.	73.	60.	9/23	1.7	40.	1.0		
EX 82-71	65.	70.	61.	9/23	1.8	41.	1.0		
AVERAGE	64.0	65.7	62.1	..	2.1	40	1.0	61.2	61.9
L.S.D. 10% LEVEL	5.2	5.3	5.1	..	0.4	..	..	..	..
L.S.D. 30% LEVEL	3.2	3.3	3.2	..	0.2	..	..	..	..
C.V. %	4.3	5.9	6.1	..	8.2	..	..	7.1	7.0
STD ERR OF TRT MN	1.6	2.2	2.2	..	0.1	..	..	2.5	2.5

### MATURITY GROUP IV

COLE GROWER SERVICE									
DYNA-GRO 3400	65.	72.	58.	9/27	2.1	41.	1.0		

Brand	1994 Results							Average	
	Reg.	(MO)	(UR)					2-Yr	3-Yr
	Cultivar or Blend	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld
		Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A Bu/A
COLE GROWER SERVICE, continued									
DYNA-GRO 3410	66.	74.	57.	9/30	2.4	42.	1.0		
INTERSTATE PAYCO SEED									
9241	66.	72.	59.	9/27	2.1	40.	1.0	60.6	61.6
MERSCHMAN SEEDS									
NORFOLK	66.	72.	60.	9/29	2.2	43.	1.0		
NORFOLK II	63.	68.	58.	9/29	1.7	40.	1.0		
PUBLIC VARIETY									
BRONSON	54.	58.	50.	10/02	2.9	46.	1.0	54.6	
FLYER	61.	64.	58.	9/27	2.1	39.	1.0	57.0	59.1
HAMILTON	57.	63.	51.	9/26	2.7	38.	1.0	56.2	55.7
NILE	50.	49.	50.	9/30	2.9	44.	1.0	48.0	47.9
AVERAGE	60.4	65.8	56.2	..	2.3	42	1.0	55.3	56.1
L.S.D. 10% LEVEL	6.1	5.9	6.6	..	0.4	..	..	..	..
L.S.D. 30% LEVEL	3.8	3.6	4.1	..	0.2	..	..	..	..
C.V. %	5.2	6.4	8.5	..	7.5	..	..	14.7	18.5
STD ERR OF TRT MN	1.8	2.4	2.8	..	0.1	..	..	4.7	6.0

## Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing)

Brand	1994 Results							Average	
	Reg.	(MO)	(PE)					2-Yr	3-Yr
	Cultivar or Blend	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld
		Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A Bu/A
MATURITY GROUP I									
PUBLIC VARIETY									
ARCHER	53.	59.	47.	9/06	1.8	40.	1.0	50.7	48.7
BELL	54.	59.	49.	9/02	1.7	35.	1.0		
MATURITY GROUP II									
AINSWORTH SEED CO.									
2A-80	54.	61.	47.	9/09	1.5	36.	1.0		
2A-99	59.	66.	52.	9/10	1.8	35.	1.0		
ASGROW SEED CO.									
A 2835	57.	65.	49.	9/09	1.7	35.	1.0	57.6	
CIBA SEEDS									
3253	59.	67.	50.	9/07	1.2	34.	1.0		
COLE GROWER SERVICE									
DYNA-GRO 3256	58.	67.	50.	9/06	1.1	33.	1.0		
DYNA-GRO 3276	58.	67.	50.	9/05	1.8	40.	1.0		
DYNA-GRO 3290	55.	66.	44.	9/11	2.2	37.	1.0	51.7	50.7
GOLDEN HARVEST									
H-1263	59.	67.	52.	9/06	1.6	35.	1.0	55.5	
H-1271	58.	66.	50.	9/08	1.8	41.	1.0	53.6	53.3
GREAT LAKES HYBRIDS									
GL 2928	56.	63.	50.	9/14	1.5	37.	1.0		
HOBLIT SEED CO.									
HB 284	60.	68.	51.	9/08	2.0	39.	1.0	54.7	52.7
LYNKS SEEDS									
5298	59.	66.	53.	9/07	1.9	36.	1.0	56.1	
NOBLEBEAR									
NB 2585	59.	68.	51.	9/04	1.3	33.	1.0		
NORTHROP KING CO.									
X 9429	59.	68.	51.	9/15	1.9	39.	1.0		
PUBLIC VARIETY									
BURLISON	53.	60.	46.	9/08	1.6	36.	1.0	50.1	47.9
CHAPMAN	58.	64.	51.	9/07	2.0	39.	1.0	53.2	50.2

Brand	1994 Results							Average	
	Reg.	(MO)	(PE)					2-Yr	3-Yr
	Cultivar or Blend	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld
		Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A Bu/A
PUBLICS, continued									
CONRAD 94	54.	61.	47.	9/04	1.6	36.	1.0		
JACK	59.	68.	51.	9/09	2.8	47.	1.0	54.8	54.8
KENWOOD 94	56.	63.	48.	9/06	2.0	36.	1.0		
SPARTA SEED CO.									
S-265	55.	61.	49.	9/07	1.2	32.	1.0		
TERRA INTERNATIONAL									
FLAME	60.	68.	51.	9/12	2.0	39.	1.0	56.4	54.6
TS 253	58.	64.	52.	9/07	1.5	33.	1.0	54.2	53.5
TS 282	57.	68.	47.	9/10	2.0	39.	1.0	53.5	
AVERAGE GROUP I-II	56.7	65.3	49.6	..	1.7	37	1.0	54.0	51.8
L.S.D. 10% LEVEL	5.0	3.9	6.0	..	0.4	..	..	..	..
L.S.D. 30% LEVEL	3.1	2.5	3.7	..	0.2	..	..	..	..
C.V. %	4.6	4.5	8.7	..	10.2	..	..	7.1	8.4
STD ERR OF TRT MN	1.5	1.7	2.5	..	0.1	..	..	2.2	2.5

### MATURITY GROUP III

AGRATTECH SEEDS									
340	53.	61.	44.	9/18	1.8	40.	1.0		
350	55.	66.	44.	9/15	1.7	43.	1.0	55.1	54.5
362	53.	62.	43.	9/16	2.1	43.	1.0		
AINSWORTH SEED CO.									
3A-16	50.	60.	40.	9/16	2.1	42.	1.0	51.3	
3A-27	55.	63.	47.	9/09	1.6	40.	1.0		
3A-40	52.	62.	41.	9/14	1.9	42.	1.0	51.8	
3A-75	52.	63.	41.	9/23	2.3	42.	1.0		
ASGROW SEED CO.									
A 3237	55.	66.	43.	9/16	1.8	39.	1.0	55.1	54.9
A 3304	55.	65.	45.	9/21	2.4	41.	1.0		
A 3431	58.	65.	51.	9/16	1.5	42.	1.0	54.0	53.9
A 3510	55.	64.	47.	9/22	1.7	41.	1.0		

# Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/ABu/A	
<b>CIBA SEEDS</b>									
3311	52.	62.	41.	9/11	2.1	38.	1.0	52.2	51.3
3323	52.	61.	43.	9/08	1.7	40.	1.0		
3362	57.	70.	44.	9/15	2.3	39.	1.0	57.4	56.3
<b>COLE GROWER SERVICE</b>									
DYNA-GRO 3301	54.	63.	45.	9/13	1.9	41.	1.0	52.5	51.7
DYNA-GRO 3303	57.	69.	46.	9/09	2.6	39.	1.0		
DYNA-GRO 3360	52.	60.	43.	9/18	2.6	44.	1.0	51.1	
DYNA-GRO 3368	60.	74.	46.	9/16	2.2	40.	1.0		
<b>DEKALB GENETICS CORP.</b>									
CX 313	55.	65.	45.	9/09	2.2	42.	1.0	55.9	
CX 314	57.	67.	47.	9/09	2.0	41.	1.0	55.3	
CX 335	54.	63.	45.	9/09	2.3	46.	1.0	53.3	
CX 340 C	57.	68.	46.	9/17	1.8	41.	1.0	56.6	55.7
CX 377	56.	65.	46.	9/13	2.1	46.	1.0		
CX 399	59.	70.	49.	9/19	2.0	46.	1.0		
<b>GOLDEN HARVEST</b>									
H-1328	54.	63.	44.	9/16	1.4	38.	1.0	55.7	
H-1353	55.	65.	45.	9/17	2.4	38.	1.0	55.3	
<b>GREAT LAKES HYBRIDS</b>									
GL 3145	56.	65.	46.	9/11	2.3	38.	1.0		
GL 3337	53.	61.	44.	9/13	2.2	45.	1.0		
<b>GROWMARK</b>									
HS 3210	56.	66.	46.	9/15	2.2	40.	1.0	56.7	55.9
HS 3422	55.	63.	47.	9/15	2.1	39.	1.0	56.2	
HS HT 331 STS	52.	66.	38.	9/19	2.3	36.	1.0		
<b>HOBLIT SEED CO.</b>									
HB 330	56.	63.	49.	9/09	1.7	40.	1.0		
HB 370	53.	59.	48.	9/19	2.4	45.	1.0	51.6	50.6
<b>HYPERFORMER SEED CO.</b>									
HSC 317	55.	71.	39.	9/13	2.1	41.	1.0	55.0	
HSC 339	56.	68.	45.	9/13	1.4	38.	1.0	55.4	
HSC 373	58.	66.	50.	9/13	1.8	44.	1.0		
HY 351	57.	69.	46.	9/19	1.7	41.	1.0		
<b>I.C.I. SEEDS</b>									
D-321	56.	67.	46.	9/08	2.4	38.	1.0		
D-337	56.	67.	45.	9/11	2.1	38.	1.0		
D-348 STS	51.	62.	40.	9/14	1.8	36.	1.0	52.7	
D-371	59.	69.	49.	9/18	2.6	41.	1.0	58.5	56.8
<b>INTERSTATE PAYCO SEED</b>									
9233	55.	67.	43.	9/13	1.5	39.	1.0	55.2	54.9
9338	50.	60.	40.	9/15	2.3	42.	1.0		
9436	53.	64.	41.	9/23	2.5	40.	1.0		
<b>LEWIS HYBRIDS</b>									
349	56.	67.	46.	9/17	2.3	40.	1.0		
362	55.	65.	46.	9/13	2.0	43.	1.0		
388	56.	68.	44.	9/15	1.6	40.	1.0	55.5	
<b>LG SEEDS</b>									
GR8 327	60.	70.	49.	9/09	2.5	42.	1.0	58.9	
GR8 335	58.	69.	46.	9/14	1.4	37.	1.0	56.0	
GR8 383	53.	63.	43.	9/17	2.1	43.	1.0		
GR8 397	53.	63.	43.	9/20	2.5	43.	1.0	53.8	54.2
<b>LYNKS SEEDS</b>									
5373	57.	67.	48.	9/16	2.3	39.	1.0	55.2	
5380	57.	65.	49.	9/20	1.5	44.	1.0		
<b>MERSCHMAN SEEDS</b>									
EISENHOWER III	56.	64.	48.	9/20	2.0	43.	1.0	54.6	
FILLMORE IV	62.	75.	49.	9/15	2.0	39.	1.0		
KENNEDY IV	59.	72.	45.	9/16	2.2	39.	1.0	57.2	56.0
TRUMAN IV	58.	72.	44.	9/14	2.5	38.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/ABu/A	
<b>MIDWEST OILSEEDS</b>									
3680 X	57.	68.	46.	9/23	2.2	41.	1.0	57.6	
<b>MYCOGEN PLANT SCIENCES</b>									
339	52.	59.	45.	9/15	2.0	36.	1.0		
356	57.	66.	49.	9/18	1.6	39.	1.0		
<b>NOBLEBEAR</b>									
NB 3110	53.	61.	45.	9/10	2.6	40.	1.0		
NB 3708	55.	65.	45.	9/17	2.6	42.	1.0		
<b>NORTHROP KING CO.</b>									
S 30-06	58.	70.	47.	9/09	2.1	40.	1.0	55.8	54.3
S 35-35	56.	66.	46.	9/15	1.6	40.	1.0	58.2	55.8
<b>PIONEER HI-BRED INTERN.</b>									
9342	54.	66.	41.	9/13	2.1	38.	1.0		
9362	53.	61.	45.	9/16	1.9	43.	1.0	53.6	
9381	57.	66.	47.	9/14	1.8	38.	1.0	54.2	54.2
9392	54.	69.	39.	9/22	1.6	41.	1.0	53.4	53.9
<b>PRO-SEED</b>									
PS MYRON	54.	68.	39.	9/15	1.7	36.	1.0		
<b>PUBLIC VARIETY</b>									
CHAMBERLAIN	50.	62.	38.	9/16	3.0	45.	1.0	50.5	50.4
EDISON	51.	59.	43.	9/15	1.8	37.	1.0	51.7	51.0
HOBBIT 87	52.	60.	43.	9/20	1.0	23.	1.0	49.7	49.1
LINFORD	51.	57.	44.	9/20	3.1	44.	1.0		
PIATT	53.	67.	39.	9/13	1.9	42.	1.0	51.1	51.2
PROBST	55.	65.	44.	9/15	2.3	40.	1.0		
RESNIK	50.	58.	41.	9/14	2.3	38.	1.0	51.7	50.8
SALINE	53.	58.	48.	9/22	2.5	47.	1.0	52.1	
THORNE	53.	65.	42.	9/12	1.8	36.	1.0	55.5	53.9
YALE	54.	62.	47.	9/18	2.0	41.	1.0	52.6	
<b>SPARTA SEED CO.</b>									
S-345	54.	65.	43.	9/12	2.2	40.	1.0		
<b>STINE SEED CO.</b>									
3490 X	54.	62.	45.	9/22	2.3	44.	1.0		
3510 X	53.	63.	43.	9/12	2.4	39.	1.0		
3630 X	61.	75.	47.	9/13	2.5	39.	1.0		
3660 X	59.	71.	48.	9/16	2.0	37.	1.0		
<b>STONE SEED FARMS</b>									
SE-355	55.	65.	46.	9/23	2.1	45.	1.0		
<b>TERRA INTERNATIONAL</b>									
FINALIST	53.	61.	45.	9/19	2.2	41.	1.0	54.1	52.8
TORCH	57.	68.	46.	9/16	2.0	40.	1.0	56.6	55.4
TS 312	53.	65.	42.	9/09	2.5	39.	1.0	56.3	54.8
<b>TWIN STATES</b>									
9365	58.	68.	48.	9/16	2.0	45.	1.0		
9390	55.	65.	46.	9/17	1.7	42.	1.0		
9396	54.	62.	46.	9/21	1.8	44.	1.0		
<b>WILKEN SEED GRAINS</b>									
3406	56.	66.	46.	9/10	2.4	39.	1.0		
3436	57.	65.	48.	9/07	1.6	39.	1.0		
3468	56.	66.	45.	9/13	2.5	42.	1.0		
3477	51.	58.	43.	9/18	2.6	47.	1.0	50.9	50.8
3621 CN	54.	62.	46.	9/13	1.6	41.	1.0	51.6	52.0
EX 08016	51.	61.	40.	9/24	2.0	43.	1.0		
EX 72-33	59.	73.	45.	9/15	1.7	42.	1.0		
EX 82-71	56.	70.	41.	9/11	1.9	40.	1.0		
<b>AVERAGE</b>									
	54.9	65.7	44.3		2.1	41	1.0	54.3	53.5
L.S.D. 10% LEVEL	5.3	5.3	5.5		0.4				
L.S.D. 30% LEVEL	3.4	3.3	3.4		0.2				
C.V. %	5.0	5.9	9.1		8.2			7.3	7.1
STD ERR OF TRT MN	1.6	2.2	2.3		0.1			2.3	2.2



### Region III: Monmouth (MO) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO) (PE)		Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

#### MATURITY GROUP IV

COLE GROWER SERVICE									
DYNA-GRO 3400	62.	72.	52.	9/21	2.4	43.	1.0		
DYNA-GRO 3410	63.	74.	53.	9/25	2.4	44.	1.0		
GROWMARK									
HS E 401	56.	66.	46.	9/24	1.9	43.	1.0		
INTERSTATE PAYCO SEED									
9241	61.	72.	49.	9/21	2.2	43.	1.0	56.4	54.8
MERSCHMAN SEEDS									
NORFOLK	61.	72.	50.	9/22	2.2	43.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(MO) (PE)		Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

#### MERSCHMAN, continued

NORFOLK II	57.	68.	46.	9/27	1.6	41.	1.0		
PUBLIC VARIETY									
BRONSON	53.	58.	49.	9/28	2.9	49.	1.0	50.9	
FLYER	54.	64.	45.	9/22	2.1	42.	1.0	49.9	50.4
HAMILTON	56.	63.	48.	9/21	2.7	42.	1.0	52.1	50.3
NILE	47.	49.	44.	9/27	3.2	44.	1.0	44.4	43.6
AVERAGE	56.7	65.8	48.6		2.3	44	1.0	50.7	49.8
L.S.D. 10% LEVEL	5.7	5.9	5.8		0.4				
L.S.D. 30% LEVEL	3.6	3.6	3.6		0.3				
C.V. %	5.2	6.4	8.7		7.5			14.7	16.0
STD ERR OF TRT MN	1.7	2.4	2.4		0.1			4.3	4.6

### Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing)

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR) (PE)		Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

#### MATURITY GROUP I

PUBLIC VARIETY									
ARCHER	44.	42.	47.	9/04	1.5	37.	1.0	44.7	45.2
BELL	48.	47.	49.	9/03	1.6	32.	1.0		

#### MATURITY GROUP II

AINSWORTH SEED CO.									
2A-77	53.	54.	51.	9/08	1.4	37.	1.0		
2A-80	53.	59.	47.	9/10	1.2	32.	1.0		
2A-99	56.	60.	52.	9/10	1.2	30.	1.0		
ASGROW SEED CO.									
A 2835	56.	63.	49.	9/14	1.1	32.	1.0	55.8	
CIBA SEEDS									
3253	54.	58.	50.	9/09	1.1	31.	1.0		
COLE GROWER SERVICE									
DYNA-GRO 3256	54.	58.	50.	9/08	1.2	30.	1.0		
DYNA-GRO 3276	56.	63.	50.	9/06	1.2	34.	1.0		
DYNA-GRO 3290	52.	60.	44.	9/13	1.5	35.	1.0	49.2	49.1
GOLDEN HARVEST									
H-1263	53.	53.	52.	9/07	1.2	28.	1.0	52.8	
H-1271	54.	58.	50.	9/13	1.3	36.	1.0	53.0	52.6
H-1296	55.	60.	50.	9/13	1.0	33.	1.0	52.6	50.6
GREAT LAKES HYBRIDS									
GL 2928	53.	57.	50.	9/14	1.2	30.	1.0		
HOBLIT SEED CO.									
HB 284	55.	58.	51.	9/10	1.4	36.	1.0	53.0	52.4
J M SCHULTZ SEED CO.									
JMS 2575	53.	57.	49.	9/08	1.2	30.	1.0		
LYNKS SEEDS									
5298	56.	58.	53.	9/10	1.6	34.	1.0	53.6	
NOBLEBEAR									
NB 2585	53.	56.	51.	9/07	1.2	30.	1.0		
NORTHROP KING CO.									
X 9429	54.	57.	51.	9/17	1.2	33.	1.0		
PUBLIC VARIETY									
BURLISON	52.	57.	46.	9/09	1.3	33.	1.0	51.0	49.9
CHAPMAN	54.	58.	51.	9/11	1.4	35.	1.0	53.0	51.4
CONRAD 94	52.	57.	47.	9/05	1.3	33.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR) (PE)		Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

#### PUBLICS, continued

JACK	53.	55.	51.	9/14	2.2	42.	1.0	52.7	53.7
KENWOOD 94	50.	52.	48.	9/06	1.7	33.	1.0		
STONE SEED FARMS									
SE-291	52.	56.	49.	9/15	1.2	32.	1.0	53.6	
TERRA INTERNATIONAL									
FLAME	57.	62.	51.	9/14	1.5	34.	1.0	54.5	54.5
TS 253	57.	62.	52.	9/09	1.1	31.	1.0	55.5	54.9
TS 282	51.	56.	47.	9/11	1.3	33.	1.0	52.1	
VIGORO INDUSTRIES									
V 293	56.	58.	53.	9/09	1.3	32.	1.0		
AVERAGE GROUP I-II	53.3	56.8	49.6		1.3	33	1.0	52.5	51.4
L.S.D. 10% LEVEL	6.1	6.3	6.0		0.3		0.1		
L.S.D. 30% LEVEL	3.8	4.0	3.7		0.2		0.1		
C.V. %	5.8	8.3	8.7		13.3		0.0	8.9	9.8
STD ERR OF TRT MN	1.8	2.7	2.5		0.1		0.0	2.7	2.9

#### MATURITY GROUP III

AGRATECH SEEDS									
340	57.	70.	44.	9/26	1.0	33.	1.0		
350	52.	60.	44.	9/22	1.1	36.	1.0	54.1	54.7
362	52.	60.	43.	9/23	1.3	37.	1.0		
AINSWORTH SEED CO.									
3A-27	54.	60.	47.	9/13	1.1	36.	1.0		
3A-34	52.	61.	42.	9/21	1.1	37.	1.0	52.5	
3A-75	53.	65.	41.	9/23	1.4	35.	1.0		
3A-89 N	52.	60.	44.	9/22	1.0	37.	1.0	54.4	54.5
ASGROW SEED CO.									
A 3237	52.	60.	43.	9/23	1.0	35.	1.0	53.4	54.6
A 3304	55.	65.	45.	9/25	1.2	33.	1.0		
A 3431	57.	63.	51.	9/23	1.0	36.	1.0	55.0	55.8
A 3510	55.	63.	47.	9/25	1.0	34.	1.0	55.2	
BERGMANN-TAYLOR									
BT 399 C	51.	58.	45.	9/24	1.2	37.	1.0		
BROWN SEED ENTERPRISES									
ARISE 326	55.	62.	48.	9/20	1.0	36.	1.0		
ARISE 364	51.	62.	40.	9/24	1.3	38.	1.0		

# Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR)	(PE)					2-Yr	3-Yr
	Yld Bu/A	Yld Bu/A	Yld Bu/A	Mat. Date	Lod gng	Ht in	Sha ter	Yld Bu/A	Yld Bu/A
<b>CIBA SEEDS</b>									
3311	48.	56.	41.	9/15	1.0	33.	1.0	50.3	50.7
3323	50.	56.	43.	9/13	1.0	34.	1.0		
3362	54.	65.	44.	9/19	1.1	36.	1.0	55.3	56.0
<b>COLE GROWER SERVICE</b>									
DYNA-GRO 3301	51.	57.	45.	9/22	1.1	36.	1.0	51.0	51.7
DYNA-GRO 3303	56.	66.	46.	9/12	1.4	32.	1.0		
DYNA-GRO 3360	50.	57.	43.	9/24	1.5	40.	1.0	50.7	
DYNA-GRO 3368	57.	67.	46.	9/23	1.3	35.	1.0		
<b>DEKALB GENETICS CORP.</b>									
CX 313	53.	60.	45.	9/18	1.4	38.	1.0	54.1	
CX 314	55.	64.	47.	9/19	1.0	37.	1.0	54.3	
CX 335	54.	63.	45.	9/17	1.3	41.	1.0	53.8	
CX 340 C	54.	62.	46.	9/24	1.1	38.	1.0	54.7	55.9
CX 377	54.	61.	46.	9/21	1.4	39.	1.0		
CX 399	56.	63.	49.	9/23	1.4	40.	1.0		
<b>FREEDOM SEED CO.</b>									
4347	48.	62.	34.	9/21	1.3	39.	1.0		
<b>GOLDEN HARVEST</b>									
H-1328	51.	58.	44.	9/22	1.0	31.	1.0	53.9	
H-1353	56.	67.	45.	9/22	1.2	33.	1.0	55.5	56.5
H-1358	54.	61.	47.	9/23	1.1	39.	1.0		
<b>GREAT LAKES HYBRIDS</b>									
GL 3145	53.	61.	46.	9/13	1.1	34.	1.0		
GL 3337	53.	62.	44.	9/22	1.3	37.	1.0	53.6	
<b>GROWMARK</b>									
HS 3210	56.	66.	46.	9/21	1.2	38.	1.0	55.8	55.4
HS 3422	56.	64.	47.	9/22	1.0	33.	1.0	55.7	
HS HT 331 STS	52.	66.	38.	9/24	1.1	32.	1.0		
<b>HOBLIT SEED CO.</b>									
HB 330	54.	60.	49.	9/14	1.0	34.	1.0		
HB 370	56.	65.	48.	9/27	1.5	41.	1.0	54.1	53.3
<b>HUBNER SEED CO.</b>									
H 325	50.	56.	44.	9/12	1.0	33.	1.0		
H 357 N	50.	57.	44.	9/23	1.2	39.	1.0		
H 360	53.	64.	42.	9/23	1.4	41.	1.0		
H 381	51.	59.	42.	9/24	1.1	29.	1.0		
<b>HYPERFORMER SEED CO.</b>									
HSC 317	49.	59.	39.	9/21	1.0	34.	1.0	52.2	
HSC 339	54.	62.	45.	9/20	1.0	31.	1.0	53.4	
HSC 373	54.	58.	50.	9/21	1.2	37.	1.0		
HY 351	54.	62.	46.	9/18	1.0	34.	1.0		
<b>I.C.I. SEEDS</b>									
D-321	54.	63.	46.	9/13	1.2	33.	1.0		
D-337	56.	66.	45.	9/20	1.0	32.	1.0		
D-348 STS	53.	67.	40.	9/20	1.0	32.	1.0	53.5	
D-371	58.	66.	49.	9/21	1.4	35.	1.0	57.3	57.7
<b>INTERSTATE PAYCO SEED</b>									
9233	52.	61.	43.	9/20	1.0	31.	1.0	53.0	53.9
9338	50.	60.	40.	9/22	1.1	37.	1.0		
9436	49.	57.	41.	9/25	1.3	34.	1.0		
<b>J M SCHULTZ SEED CO.</b>									
JMS 3230	54.	62.	46.	9/14	1.2	35.	1.0	54.4	
<b>KITCHEN SEED CO.</b>									
KSC 328 C	51.	57.	44.	9/24	1.0	28.	1.0	50.8	52.8
KSC 330 C	51.	58.	43.	9/24	1.1	38.	1.0	52.4	54.4
KSC 332 C	54.	62.	47.	9/24	1.1	36.	1.0		
KSC 377	52.	60.	43.	9/22	1.0	29.	1.0	54.2	
KSC 390	57.	68.	47.	9/24	1.2	39.	1.0	55.3	56.6

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR)	(PE)					2-Yr	3-Yr
	Yld Bu/A	Yld Bu/A	Yld Bu/A	Mat. Date	Lod gng	Ht in	Sha ter	Yld Bu/A	Yld Bu/A
<b>LEWIS HYBRIDS</b>									
349	58.	70.	46.	9/21	1.3	35.	1.0		
362	53.	60.	46.	9/23	1.3	40.	1.0		
388	50.	56.	44.	9/24	1.0	37.	1.0	52.7	
<b>LG SEEDS</b>									
GR8 327	57.	65.	49.	9/13	1.4	33.	1.0	56.9	
GR8 335	54.	62.	46.	9/21	1.0	30.	1.0	53.7	
GR8 383	53.	63.	43.	9/23	1.1	38.	1.0		
GR8 397	54.	66.	43.	9/25	1.5	37.	1.0	54.3	55.9
<b>LYNKs SEEDS</b>									
5373	58.	68.	48.	9/21	1.2	35.	1.0	55.1	
5380	53.	57.	49.	9/24	1.0	39.	1.0		
<b>MERSCHMAN SEEDS</b>									
EISENHOWER III	56.	65.	48.	9/25	1.0	39.	1.0	55.6	
FILLMORE IV	58.	68.	49.	9/21	1.2	35.	1.0		
KENNEDY IV	58.	70.	45.	9/21	1.3	36.	1.0	56.3	56.6
TRUMAN IV	56.	68.	44.	9/17	1.3	33.	1.0		
<b>MIDWEST OILSEEDS</b>									
3680 X	56.	66.	46.	9/24	1.3	39.	1.0	55.9	
<b>MYCOGEN PLANT SCIENCES</b>									
339	52.	60.	45.	9/22	1.0	27.	1.0		
356	57.	64.	49.	9/24	1.0	32.	1.0		
AG 439	54.	62.	45.	9/24	1.5	37.	1.0	53.6	54.9
<b>NOBLEBEAR</b>									
NB 3110	55.	66.	45.	9/15	1.3	35.	1.0	56.4	
NB 3708	56.	68.	45.	9/22	1.5	37.	1.0	55.5	55.6
<b>NORTHROP KING CO.</b>									
S 30-06	55.	63.	47.	9/17	1.0	33.	1.0	54.5	55.1
S 35-35	56.	65.	46.	9/17	1.1	35.	1.0	57.5	56.9
S 39-41	54.	67.	41.	9/23	1.2	37.	1.0		
<b>PIONEER HI-BRED INTERN.</b>									
9342	48.	54.	41.	9/15	1.3	31.	1.0		
9362	53.	62.	45.	9/23	1.0	35.	1.0	54.5	
9381	56.	65.	47.	9/20	1.1	34.	1.0	54.2	54.8
9392	51.	63.	39.	9/23	1.2	37.	1.0	52.1	53.2
<b>PRAIRIE HERITAGE SEEDS</b>									
PH 3700	55.	67.	44.	9/24	1.6	37.	1.0		
<b>PRAIRIE STREAM FARMS</b>									
PSF 350 N	54.	63.	46.	9/23	1.3	40.	1.0	54.1	55.2
PSF 368 A	54.	63.	44.	9/24	1.3	40.	1.0	53.6	53.7
<b>PRO-SEED</b>									
PS MYRON	50.	61.	39.	9/22	1.0	31.	1.0		
<b>PUBLIC VARIETY</b>									
CHAMBERLAIN	47.	57.	38.	9/23	1.7	40.	1.0	48.2	49.8
EDISON	53.	64.	43.	9/23	1.0	33.	1.0	53.5	53.3
HOBBIT 87	49.	54.	43.	9/26	1.0	22.	1.0	48.9	49.4
LINFORD	52.	59.	44.	9/24	1.9	45.	1.0	50.3	51.8
PIATT	49.	59.	39.	9/21	1.1	35.	1.0	49.5	50.1
PROBST	52.	61.	44.	9/16	1.3	36.	1.0		
RESNIK	49.	57.	41.	9/22	1.0	34.	1.0	50.3	49.8
SALINE	54.	60.	48.	9/25	1.4	39.	1.0	52.2	52.8
THORNE	51.	61.	42.	9/20	1.1	32.	1.0	54.2	53.2
WILLIAMS 82	47.	59.	36.	9/24	1.3	41.	1.0	48.1	47.1
YALE	53.	60.	47.	9/23	1.1	37.	1.0	52.8	53.5
<b>STONE SEED CO.</b>									
3510 X	54.	65.	43.	9/20	1.2	32.	1.0		
3630 X	57.	67.	47.	9/20	1.3	34.	1.0		
3660 X	57.	66.	48.	9/25	1.0	33.	1.0		
<b>STONE SEED FARMS</b>									
SE-349	53.	64.	42.	9/22	1.1	34.	1.0	53.8	

# Region IV: Urbana (UR) and Perry (PE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
STONE, continued									
SE-351	52.	64.	40.	9/17	1.0	32.	1.0	51.8	
SE-355	53.	61.	46.	9/24	1.2	40.	1.0		
TERRA INTERNATIONAL									
FINALIST	55.	64.	45.	9/24	1.2	34.	1.0	54.0	53.6
TORCH	55.	64.	46.	9/22	1.2	37.	1.0	54.9	55.2
TS 312	52.	63.	42.	9/13	1.4	34.	1.0	53.6	53.4
TWIN STATES									
9365	54.	60.	48.	9/23	1.4	37.	1.0		
9390	53.	61.	46.	9/23	1.2	37.	1.0		
9396	53.	60.	46.	9/26	1.3	40.	1.0		
VIGORO INDUSTRIES									
V 333	50.	57.	43.	9/22	1.0	29.	1.0		
V 363	53.	55.	51.	9/24	1.1	36.	1.0		
V 372	53.	62.	44.	9/24	1.6	43.	1.0		
WILKEN SEED GRAINS									
3406	55.	64.	46.	9/13	1.3	33.	1.0		
3436	52.	56.	48.	9/13	1.0	34.	1.0		
3468	55.	64.	45.	9/21	1.3	37.	1.0		
3477	51.	58.	43.	9/24	1.6	41.	1.0	51.9	52.6
3621 CN	52.	59.	46.	9/21	1.1	39.	1.0	52.0	52.7
EX 08016	50.	60.	40.	9/25	1.2	38.	1.0		
EX 72-33	52.	60.	45.	9/22	1.1	36.	1.0		
EX 82-71	51.	61.	41.	9/17	1.1	33.	1.0		
AVERAGE	53.2	62.1	44.3		1.2	36	1.0	53.5	53.8
L.S.D. 10% LEVEL	5.3	5.1	5.5		0.3				
L.S.D. 30% LEVEL	3.3	3.2	3.4		0.2				
C.V. %	5.2	6.1	9.1		14.4			6.8	7.4
STD ERR OF TRT MN	1.6	2.2	2.3		0.1			2.1	2.3

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(UR)	(PE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
Maturity Group IV									
AGRATECH SEEDS									
425	53.	56.	50.	9/27	1.7	45.	1.0		
BERGMANN-TAYLOR									
BT 413 C	54.	62.	47.	9/28	1.2	42.	1.0		
COLE GROWER SERVICE									
DYNA-GRO 3400	55.	58.	52.	9/24	1.5	38.	1.0		
DYNA-GRO 3410	55.	57.	53.	9/26	1.2	38.	1.0		
FREEDOM SEED CO.									
EXP 419	55.	62.	49.	9/26	1.3	37.	1.0		
GOLDEN HARVEST									
H-1407	57.	60.	53.	9/24	1.6	39.	1.0	53.4	54.0
GREAT LAKES HYBRIDS									
GL 4015	57.	63.	51.	9/25	1.5	39.	1.0	53.1	
INTERSTATE PAYCO SEED									
9241	54.	59.	49.	9/24	1.4	37.	1.0	53.2	53.8
MERSCHMAN SEEDS									
NORFOLK	55.	60.	50.	9/25	1.2	38.	1.0		
NORFOLK II	52.	58.	46.	9/28	1.1	35.	1.0		
NORTHROP KING CO.									
S 42-32	52.	56.	48.	9/25	1.9	42.	1.0	51.3	
PUBLIC VARIETY									
BRONSON	50.	50.	49.	10/01	1.8	43.	1.0	49.2	
FLYER	51.	58.	45.	9/26	1.0	36.	1.0	49.1	50.9
HAMILTON	49.	51.	48.	9/27	1.5	34.	1.0	48.4	50.3
NILE	47.	50.	44.	9/28	1.9	50.	1.0	45.6	46.4
AVERAGE	52.5	56.2	48.6		1.4	39	1.0	50.4	51.1
L.S.D. 10% LEVEL	6.1	6.6	5.8		0.3				
L.S.D. 30% LEVEL	3.9	4.1	3.6		0.2				
C.V. %	5.9	8.5	8.7		12.4			9.6	10.5
STD ERR OF TRT MN	1.8	2.8	2.4		0.1			2.8	3.1

# Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing)

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
Maturity Group III									
BELLEVILLE SEED HOUSE									
BSH 360	41.	26.	57.	9/08	1.3	33.	1.0		
BSH 38 NR	42.	27.	57.	9/12	1.5	38.	1.0		
BERGMANN-TAYLOR									
BT 385 STS	39.	26.	53.	9/13	1.6	34.	1.0		
BT 399 C	43.	31.	55.	9/12	1.3	36.	1.0	44.2	45.0
BROWN SEED ENTERPRISES									
ARISE 364	40.	27.	54.	9/16	1.8	32.	1.0		
ARISE 383 C	47.	32.	62.	9/15	1.5	40.	1.0	41.5	45.4
CIBA SEEDS									
3362	41.	28.	55.	9/16	1.3	29.	1.0	45.7	
3388	42.	30.	54.	9/10	1.2	32.	1.0	42.7	
DEKALB GENETICS CORP.									
CX 340 C	45.	31.	59.	9/10	1.2	35.	1.0	43.2	44.8
CX 377	47.	30.	64.	9/12	1.4	33.	1.0		
CX 394 C	46.	32.	60.	9/18	1.2	39.	1.0	45.4	
CX 399	45.	30.	60.	9/12	1.5	37.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
FREEDOM SEED CO.									
4347	41.	28.	54.	9/12	1.3	35.	1.0		
GOLDEN HARVEST									
H-1353	41.	29.	53.	9/13	1.2	32.	1.0	44.1	
H-1358	43.	29.	57.	9/12	1.2	33.	1.0	44.3	45.5
GOOD BUDDY SEEDS									
GB 34	38.	25.	51.	9/13	1.0	32.	1.0		
GREAT HEART SEED									
GX-3914	46.	33.	58.	9/18	1.5	36.	1.0		
HOBLIT SEED CO.									
HB 390	45.	30.	60.	9/17	1.5	35.	1.0	45.0	
HYPERFORMER SEED CO.									
HSC 373	45.	30.	60.	9/12	1.1	32.	1.0	46.0	46.8
HSC 398	43.	31.	56.	9/16	1.4	32.	1.0	43.3	
I.C.I. SEEDS									
D-368	44.	30.	57.	9/06	1.2	33.	1.0	42.3	
D-371	44.	29.	59.	9/14	1.3	32.	1.0	43.9	44.4
D-396	44.	28.	60.	9/15	1.5	31.	1.0		



# Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
J M SCHULTZ SEED CO.									
JMS 3509 C	45.	31.	58.	9/10	1.1	34.	1.0		
JMS 3791	43.	29.	57.	9/14	1.3	31.	1.0	43.9	44.2
LYNKs SEEDS									
5373	44.	29.	59.	9/13	1.4	33.	1.0	46.5	
5380	43.	28.	58.	9/13	1.2	36.	1.0		
MIDWEST OILSEEDS									
3680 X	44.	29.	59.	9/16	1.8	37.	1.0		
MYCOGEN PLANT SCIENCES									
395	42.	29.	54.	9/17	1.1	30.	1.0		
NORTHROP KING CO.									
S 39-11	46.	32.	61.	9/17	1.5	37.	1.0	46.3	48.5
PIONEER HI-BRED INTERN.									
9362	47.	33.	62.	9/10	1.0	30.	1.0	45.6	
9381	42.	22.	61.	9/09	1.1	30.	1.0	40.9	43.0
9392	47.	33.	61.	9/15	1.2	34.	1.0	45.9	47.1
9394	44.	29.	60.	9/14	1.3	35.	1.0	44.6	
PRINCETON FARMS									
PF 3787	45.	29.	61.	9/15	1.2	31.	1.0	44.9	45.5
PF 3794	44.	32.	57.	9/17	1.2	33.	1.0		
PUBLIC VARIETY									
CHAMBERLAIN	40.	26.	54.	9/12	1.8	37.	1.0	40.0	41.8
EDISON	39.	24.	54.	9/14	1.1	32.	1.0	42.1	42.4
HOBBIT 87	37.	22.	51.	9/09	1.0	16.	1.0	37.9	36.4
LINFORD	45.	32.	58.	9/17	1.8	40.	1.0	42.8	45.4
PIATT	40.	28.	51.	9/12	1.1	33.	1.0	41.3	42.1
PROBST	39.	28.	50.	9/10	1.4	34.	1.0		
RESNIK	36.	24.	49.	9/08	1.0	32.	1.0	38.7	39.2
SALINE	43.	28.	59.	9/14	1.7	35.	1.0	45.4	45.2
THORNE	40.	26.	54.	9/07	1.1	30.	1.0	41.2	41.1
WILLIAMS 82	41.	28.	54.	9/14	1.5	39.	1.0	41.8	43.6
YALE	43.	25.	61.	9/13	1.4	33.	1.0	44.3	44.3
RIDGWAY SEED CO.									
JADER 3640	41.	29.	53.	9/12	1.3	33.	1.0		
JADER 3940	46.	34.	58.	9/18	1.1	32.	1.0		
STINE SEED CO.									
3490 X	42.	31.	52.	9/16	1.3	34.	1.0		
3562 CNX	43.	34.	52.	9/14	1.0	28.	1.0		
STONE SEED FARMS									
SE-305+	44.	31.	58.	9/09	1.1	35.	1.0		
TERRA INTERNATIONAL									
E 393	46.	29.	63.	9/17	1.5	37.	1.0		
VICTORY	39.	27.	51.	9/11	1.3	38.	1.0	42.3	42.8
TRISLER SEED FARMS									
TRISOY 3210	42.	32.	52.	9/13	1.0	26.	1.0		
TRISOY 3410	43.	28.	57.	9/14	1.1	30.	1.0	44.2	
TRISOY 3620	41.	30.	52.	9/13	1.1	32.	1.0	43.7	
TRISOY 3660	40.	28.	52.	9/15	1.3	35.	1.0		
TRISOY 3932	45.	27.	63.	9/15	1.4	35.	1.0		
TWIN STATES									
9327	41.	28.	53.	9/11	1.3	36.	1.0		
9354	46.	31.	61.	9/08	1.3	35.	1.0		
9365	45.	30.	59.	9/11	1.1	33.	1.0		
9390	45.	29.	60.	9/09	1.1	34.	1.0	47.0	47.0
9396	47.	34.	61.	9/17	1.2	33.	1.0		
WILDY SEED									
WS EX 59	47.	33.	60.	9/17	1.0	36.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)					2-Yr	3-Yr
	Yld	Yld	Yld	Mat.	Lod	Ht	Sha	Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
AVERAGE	42.9	29.0	56.8	..	1.3	34	1.0	43.5	44.0
L.S.D. 10% LEVEL	4.8	3.6	5.8	..	0.3	..	0.1	..	..
L.S.D. 30% LEVEL	3.0	2.3	3.6	..	0.2	..	0.1	..	..
C.V. %	5.7	9.1	7.5	..	13.3	..	0.0	8.8	10.6
STD ERR OF TRT MN	1.4	1.5	2.5	..	0.1	..	0.0	2.2	2.7

## MATURITY GROUP IV

AGRATECH SEEDS									
425	48.	32.	65.	9/19	1.5	41.	1.0		
ASGROW SEED CO.									
A 4138	49.	32.	66.	9/19	1.9	38.	1.0	47.3	50.2
A 4539	45.	32.	58.	9/21	1.2	36.	1.0	43.8	
A 4715	47.	33.	61.	9/28	1.1	38.	1.0	47.6	51.9
BELLEVILLE SEED HOUSE									
BSH 405	47.	31.	62.	9/17	1.4	40.	1.0		
BSH 442	48.	33.	64.	9/27	1.5	40.	1.0		
BERGMANN-TAYLOR									
BT 413 C	46.	29.	63.	9/18	1.3	37.	1.0	43.7	47.3
BT 435 C	51.	35.	67.	9/19	1.6	43.	1.0		
BT 445 C	49.	33.	65.	9/28	1.3	37.	1.0		
BT 484	50.	35.	65.	9/25	1.7	40.	1.0	47.7	
BROWN SEED ENTERPRISES									
ARISE 435 C	50.	36.	64.	9/28	1.3	37.	1.0		
ARISE 445 C	49.	35.	63.	9/20	1.5	43.	1.0		
ARISE 495	46.	33.	58.	10/06	1.4	42.	1.0		
CIBA SEEDS									
3411	46.	30.	62.	9/16	1.4	33.	1.0		
COLE GROWER SERVICE									
UAPX 129	48.	34.	62.	9/19	1.6	44.	1.0		
DEKALB GENETICS CORP.									
CX 404	49.	33.	65.	9/16	1.6	38.	1.0	45.9	46.6
CX 411	45.	29.	61.	9/17	1.1	33.	1.0	44.3	
CX 434	47.	31.	62.	9/19	1.5	35.	1.0	46.1	
CX 445	47.	35.	58.	9/22	2.0	41.	1.0		
CX 469 C	46.	34.	58.	9/20	1.7	41.	1.0	45.7	49.1
FREEDOM SEED CO.									
4422	45.	31.	59.	9/18	1.8	36.	1.0		
EXP 419	45.	30.	61.	9/15	1.5	32.	1.0		
EXP 437 CN	48.	32.	64.	9/19	1.6	41.	1.0		
GOLDEN HARVEST									
H-1407	48.	32.	64.	9/16	1.7	36.	1.0	44.4	46.2
X-432	44.	34.	54.	9/23	1.2	34.	1.0		
GOOD BUDDY SEEDS									
GB 49 C	46.	31.	62.	9/19	1.5	37.	1.0		
GREAT HEART SEED									
GX-4243	42.	31.	54.	9/22	1.6	42.	1.0		
GROWMARK									
HS 4110	47.	29.	65.	9/18	1.7	37.	1.0	48.1	50.2
HS 4521	49.	37.	61.	9/24	1.2	35.	1.0	46.0	
HS 4801	45.	33.	58.	10/01	1.2	39.	1.0	46.4	
HS 4824	48.	33.	62.	9/28	1.6	43.	1.0		
HS E 401	44.	28.	60.	9/15	1.5	33.	1.0		
HYPERFORMER SEED CO.									
HY 446	46.	29.	63.	9/23	1.4	43.	1.0		
HY 458	51.	35.	66.	9/20	1.3	41.	1.0		
I.C.I. SEEDS									
D-414	44.	28.	61.	9/18	1.4	42.	1.0		
D-454	49.	36.	62.	9/19	1.2	40.	1.0	46.4	49.4
EX 4402 N	49.	33.	65.	9/19	1.9	45.	1.0		

# Region V: Brownstown (BR) and Belleville (BE) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
J M SCHULTZ SEED CO.									
JMS 4240	48.	32.	63.	9/19	1.4	39.	1.0		
JMS 4788	49.	35.	63.	9/28	1.5	41.	1.0		
LEWIS HYBRIDS									
405	50.	37.	64.	9/19	1.5	41.	1.0		
472	48.	31.	65.	9/28	1.6	38.	1.0		
LYNKs SEEDS									
EX 48	49.	35.	62.	9/29	1.5	39.	1.0		
MERSCHMAN SEEDS									
ATLANTA III	48.	34.	62.	10/03	1.8	38.	1.0	45.5	
AUSTIN II	44.	28.	59.	9/26	1.7	45.	1.0	42.5	
CLEVELAND III	48.	34.	63.	9/19	1.4	41.	1.0		
DALLAS	44.	29.	59.	10/01	1.7	45.	1.0	42.8	46.9
DALLAS II	47.	35.	60.	10/01	1.4	30.	1.0	45.7	
HOUSTON III	48.	35.	61.	9/27	1.7	42.	1.0	48.4	
NORFOLK	47.	31.	62.	9/16	1.6	34.	1.0	43.1	
NORFOLK II	43.	26.	60.	9/15	1.2	33.	1.0	42.9	
RICHMOND II	42.	26.	58.	9/17	1.8	39.	1.0	45.4	48.0
RICHMOND III	53.	37.	68.	9/20	1.3	38.	1.0	47.8	
MIDWEST OILSEEDS									
4650 X	47.	31.	64.	9/25	2.1	40.	1.0	47.4	
MYCOGEN PLANT SCIENCES									
429	51.	35.	67.	9/19	1.2	41.	1.0		
AG 545	44.	27.	62.	9/26	1.8	37.	1.0		
NORTHROP KING CO.									
S 42-32	49.	35.	63.	9/16	2.0	37.	1.0	44.5	
S 42-60	47.	30.	63.	9/17	1.7	39.	1.0		
S 46-44	51.	39.	63.	9/19	1.2	39.	1.0	48.6	51.9
PIONEER HI-BRED INTERN.									
9444	47.	30.	64.	9/16	1.3	37.	1.0		
9451	51.	35.	66.	9/19	1.7	40.	1.0	47.5	
9452	47.	33.	60.	9/19	1.1	32.	1.0		
9472	50.	36.	63.	9/23	1.8	39.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(BR)	(BE)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PRINCETON FARMS									
PF 4191	45.	30.	60.	9/18	1.5	32.	1.0		
PUBLIC VARIETY									
BRONSON	46.	32.	61.	9/20	1.5	42.	1.0	44.6	
DELLOY 4210	43.	28.	58.	9/18	1.8	39.	1.0	42.3	46.5
DELLOY 4710	41.	27.	56.	9/25	1.9	41.	1.0	41.5	47.4
FLYER	43.	27.	59.	9/13	1.1	37.	1.0	41.5	41.7
HAMILTON	46.	30.	62.	9/14	1.7	36.	1.0	46.0	45.0
KS 4694	46.	31.	60.	9/26	1.5	32.	1.0	45.4	
NILE	47.	34.	60.	9/19	1.6	39.	1.0	46.8	47.1
SPRY	47.	32.	61.	9/24	1.6	35.	1.0	45.2	47.2
RIDGWAY SEED CO.									
JADER 4221	45.	31.	60.	9/18	2.3	39.	1.0	46.4	
JADER 4730	48.	34.	63.	9/25	1.6	37.	1.0	47.7	
STINE SEED CO.									
4322 CNX	46.	32.	60.	9/18	2.0	32.	1.0		
4582 CNX	45.	31.	59.	10/04	1.6	38.	1.0		
TERRA INTERNATIONAL									
E 4292	47.	34.	61.	9/19	1.8	32.	1.0	47.3	
E 4792	44.	35.	53.	9/22	1.5	49.	1.0		
TS 402	46.	30.	61.	9/16	1.4	33.	1.0	43.5	45.4
TRISLER SEED FARMS									
TRISOY 4212	49.	32.	66.	9/19	1.6	44.	1.0	46.3	
TRISOY 4432	50.	34.	66.	9/19	1.3	39.	1.0		
WILDY SEED									
WS EX 45	49.	37.	62.	10/08	1.5	34.	1.0	47.4	
WS EX 52	44.	26.	62.	9/19	1.5	37.	1.0		
AVERAGE	46.9	32.1	61.7		1.5	38	1.0	45.6	47.7
L.S.D. 10% LEVEL	4.4	4.3	4.5		0.3				
L.S.D. 30% LEVEL	2.8	2.7	2.8		0.2				
C.V. %	4.8	10.0	5.4		11.5			7.6	9.1
STD ERR OF TRT MN	1.3	1.9	1.9		0.1			2.0	2.5

# Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing)

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
MATURITY GROUP III									
CIBA SEEDS									
3388	51.	59.	43.	9/16	1.9	36.	1.0	44.0	45.5
DEKALB GENETICS CORP.									
CX 394 C	53.	60.	45.	9/19	2.2	38.	1.0	46.6	
MILES SEED									
DANIEL	50.	56.	44.	9/18	2.2	32.	1.0	42.7	
NORTHROP KING CO.									
S 39-11	52.	58.	45.	9/21	2.2	37.	1.0		
PIONEER HI-BRED INTERN.									
9392	53.	60.	45.	9/16	1.8	36.	1.0	46.1	47.5
9394	52.	54.	50.	9/22	2.2	36.	1.0	47.1	
PUBLIC VARIETY									
CHAMBERLAIN	48.	58.	39.	9/17	2.5	34.	1.0	40.5	41.8
EDISON	49.	59.	38.	9/14	1.8	32.	1.0	42.5	42.6
HOBBIT 87	49.	67.	31.	9/22	1.0	18.	1.0	42.5	42.4
LINFORD	55.	66.	45.	9/17	3.0	40.	1.0	46.5	47.2

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
PUBLICS, continued									
PIATT	50.	60.	39.	9/17	2.1	35.	1.0	41.0	42.3
PROBST	53.	59.	46.	9/20	2.0	33.	1.0		
RESNIK	48.	54.	41.	9/16	1.9	33.	1.0	41.5	41.1
SALINE	45.	44.	45.	9/17	2.9	40.	1.0	41.4	44.7
THORNE	44.	52.	36.	9/20	2.5	34.	1.0	40.1	40.9
WILLIAMS 82	50.	55.	44.	9/18	2.7	37.	1.0	42.0	41.5
YALE	51.	60.	42.	9/14	2.0	34.	1.0	44.7	47.3
RIDGWAY SEED CO.									
JADER 3940	60.	65.	55.	9/24	2.5	34.	1.0		
SOUTHERN STATES COOP									
FFR-398	55.	61.	49.	9/22	1.9	37.	1.0	46.2	46.2
SS-390	53.	60.	45.	9/20	2.2	34.	1.0	45.2	45.1
STONE SEED FARMS									
SE-305+	48.	51.	45.	9/14	2.3	36.	1.0		
TERRA INTERNATIONAL									
E 393	54.	59.	48.	9/23	2.3	38.	1.0		
VICTORY	50.	57.	43.	9/21	2.7	39.	1.0	43.1	44.4



# Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
TWIN STATES									
9390	48.	52.	44.	9/17	2.7	37.	1.0		
9396	50.	59.	40.	9/17	2.2	37.	1.0		
VIGORO INDUSTRIES									
V 363	51.	56.	46.	9/19	2.0	35.	1.0		
AVERAGE	49.8	56.6	43.5		2.2	35	1.0	43.5	44.0
L.S.D. 10% LEVEL	6.1	6.6	5.7		0.6				
L.S.D. 30% LEVEL	3.8	4.2	3.6		0.4				
C.V. %	6.3	8.6	9.5		15.7			9.2	9.4
STD ERR OF TRT MN	1.8	2.8	2.4		0.2			2.3	2.4

## MATURITY GROUP IV

ASGROW SEED CO.									
A 4138	64.	64.	63.	9/22	4.2	44.	1.0	54.9	55.0
A 4539	65.	74.	57.	9/28	2.6	42.	1.0	55.5	
A 4715	64.	60.	68.	10/03	2.0	46.	1.0	54.2	55.7
BELLEVILLE SEED HOUSE									
BSH 405	63.	63.	62.	9/26	3.4	43.	1.0		
BSH 442	73.	72.	73.	9/30	3.7	45.	1.0		
BERGMANN-TAYLOR									
BT 435 C	57.	56.	58.	9/26	3.4	44.	1.0		
BT 445 C	66.	67.	65.	9/30	1.9	47.	1.0		
BT 484	69.	75.	64.	10/01	3.5	49.	1.0	58.6	
BROWN SEED ENTERPRISES									
ARISE 435 C	63.	61.	65.	10/01	2.0	44.	1.0		
ARISE 445 C	63.	64.	61.	9/26	3.8	48.	1.0		
ARISE 495	77.	75.	78.	10/06	2.4	52.	1.0		
CIBA SEEDS									
3411	61.	58.	64.	9/22	3.4	37.	1.0		
3474	67.	69.	66.	9/29	3.1	42.	1.0		
3482	52.	53.	52.	10/03	3.3	43.	1.0		
COLE GROWER SERVICE									
DYNA-GRO 3400	61.	62.	60.	9/22	3.4	40.	1.0	51.4	
DYNA-GRO 3410	70.	70.	70.	9/26	3.5	44.	1.0		
UAPX 129	64.	64.	64.	9/24	3.4	46.	1.0		
DEKALB GENETICS CORP.									
CX 411	71.	72.	70.	9/27	1.8	37.	1.0	55.9	
CX 434	69.	68.	69.	9/25	2.6	42.	1.0	54.9	
CX 445	72.	73.	70.	9/29	3.1	45.	1.0		
CX 469 C	64.	62.	66.	9/26	3.8	51.	1.0	54.6	54.5
CX 478	69.	68.	69.	9/28	3.4	46.	1.0		
GROWMARK									
HS 4110	64.	67.	60.	9/27	3.2	44.	1.0	55.6	55.7
HS 4521	63.	63.	64.	9/28	2.4	42.	1.0	53.7	
HS 4801	65.	64.	66.	10/02	2.6	47.	1.0	56.0	56.1
HS 4824	74.	78.	71.	10/01	3.7	44.	1.0		
HYPERFORMER SEED CO.									
HY 446	74.	74.	73.	9/22	2.8	45.	1.0		
HY 458	61.	61.	60.	9/26	2.7	45.	1.0		
HY 498	51.	52.	50.	10/13	4.4	53.	1.0		
I.C.I. SEEDS									
D-454	69.	67.	70.	9/26	2.8	49.	1.0	58.2	
D-485	68.	63.	74.	10/04	2.9	48.	1.0	57.9	
EX 4473 N	65.	60.	69.	10/01	3.6	45.	1.0		
J M SCHULTZ SEED CO.									
JMS 4240	64.	63.	65.	9/26	3.6	42.	1.0		
JMS 4788	72.	69.	75.	10/01	4.0	47.	1.0		

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A
JACOB HARTZ SEED CO.									
H 4464	66.	68.	63.	10/03	3.8	53.	1.0	55.9	56.5
H 4994	59.	54.	63.	10/10	3.6	42.	1.0	53.3	
MILES SEED									
DAVID	67.	67.	66.	10/01	2.8	44.	1.0	55.9	
JOSHUA	74.	72.	76.	10/03	3.4	45.	1.0	62.3	
NORTHROP KING CO.									
S 42-32	59.	56.	61.	9/22	4.2	52.	1.0	51.7	
S 42-60	69.	68.	70.	9/23	3.5	43.	1.0		
S 46-44	64.	61.	66.	10/02	2.5	48.	1.0	55.3	55.8
PIONEER HI-BRED INTERN.									
9444	62.	60.	63.	9/24	3.3	38.	1.0		
9451	58.	55.	61.	9/25	3.8	45.	1.0	52.9	
9452	61.	61.	61.	9/22	1.9	37.	1.0		
9472	62.	59.	64.	9/30	3.8	46.	1.0		
PRINCETON FARMS									
PF 4391	61.	62.	60.	9/25	3.5	40.	1.0	51.3	52.9
PF 4594	67.	68.	66.	9/27	2.8	55.	1.0	54.3	
PF 4793	72.	74.	70.	9/30	3.6	50.	1.0	61.5	
PUBLIC VARIETY									
BRONSON	55.	54.	56.	9/21	4.3	47.	1.0	48.7	
DELLOY 4210	54.	59.	48.	9/26	3.9	51.	1.0	47.7	47.5
DELLOY 4710	63.	62.	65.	10/04	4.3	59.	1.0	50.8	50.1
FLYER	63.	57.	68.	9/20	3.0	40.	1.0	50.0	48.5
HAMILTON	52.	50.	53.	9/23	3.9	40.	1.0	45.8	45.8
KS 4694	69.	74.	65.	10/06	2.4	39.	1.0	56.7	
NILE	56.	55.	58.	9/23	3.5	44.	1.0	49.7	50.4
SPRY	68.	67.	69.	9/30	2.8	38.	1.0	55.3	55.3
RIDGWAY SEED CO.									
J EX 3431	65.	65.	64.	9/30	3.6	45.	1.0		
JADER 4730	71.	68.	75.	9/30	3.6	51.	1.0	60.3	
SOUTHERN STATES COOP									
FFR-439	68.	66.	71.	9/26	2.0	47.	1.0	55.8	
FFR-442	62.	62.	61.	9/30	3.4	48.	1.0	51.1	
FFR-471	70.	75.	65.	10/01	2.2	40.	1.0	59.4	
FFR-493	73.	78.	69.	10/06	2.6	52.	1.0	57.9	
STINE SEED CO.									
4322 CNX	59.	66.	51.	9/22	3.8	42.	1.0		
4390 X	71.	70.	72.	9/29	2.4	27.	1.0	56.3	55.8
4582 CNX	61.	63.	58.	10/05	3.9	44.	1.0		
4680 X	72.	70.	74.	10/03	4.1	48.	1.0		
STONE SEED FARMS									
SE-4010 N	57.	63.	52.	9/25	2.9	40.	1.0		
TERRA INTERNATIONAL									
E 4292	60.	62.	58.	9/23	3.9	43.	1.0	52.7	
E 4792	51.	54.	47.	9/29	3.6	51.	1.0		
TS 402	64.	66.	62.	9/19	3.4	41.	1.0	50.6	50.1
TRISLER SEED FARMS									
TRISOY 4212	63.	63.	64.	9/23	3.7	49.	1.0	55.6	
TRISOY 4432	66.	67.	66.	9/25	2.6	44.	1.0		
VIGORO INDUSTRIES									
V 443	73.	70.	77.	9/25	2.7	46.	1.0		
WILDY SEED									
WS EX 45	68.	67.	69.	10/05	2.4	40.	1.0	58.2	
AVERAGE	64.1	64.1	64.2		3.3	45	1.0	54.6	52.9
L.S.D. 10% LEVEL	8.4	9.1	7.7		0.8				
L.S.D. 30% LEVEL	5.3	5.7	4.8		0.5				
C.V. %	6.8	10.5	8.8		10.5			11.4	11.8
STD ERR OF TRT MN	2.5	3.9	3.3		0.2			3.6	3.6

# Region VI: Carbondale (CA) and Dixon Springs (DS) (30-inch row spacing), continued

Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

## MATURITY GROUP V

### ASGROW SEED CO.

A 5112	54.	57.	51.	10/12	1.3	32.	1.0	52.3	
A 5403	58.	66.	50.	10/16	1.7	40.	1.0	54.4	54.7

### GROWMARK

HS 5199	58.	67.	49.	10/13	1.4	39.	1.0		
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### HYPERFORMER SEED CO.

HSC 501	57.	65.	49.	10/12	1.7	37.	1.0	51.4	52.5
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### J M SCHULTZ SEED CO.

JMS 5009 C	60.	66.	55.	10/08	1.7	33.	1.0		
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### MILES SEED

SAMUEL	59.	65.	53.	10/16	1.7	31.	1.0		
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### NORTHROP KING CO.

S 52-25	52.	53.	51.	10/14	2.1	35.	1.0		
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## Urbana (7-inch row spacing)

Brand Cultivar or Blend	1994 Results						Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	93-94 92-94	
	Bu/A	Date	ing	(in)	ter		Bu/A	Bu/A

## MATURITY GROUP I

### PUBLIC VARIETY

ARCHER	46.	9/11	1.5	34.	1.0	48.7	48.3	
BELL	46.	9/10	1.2	28.	1.0			

## MATURITY GROUP II

### ADLER SEEDS

ADLER 324	54.	9/21	1.0	36.	1.0	57.3		
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### AINSWORTH SEED CO.

2A-80	64.	9/16	1.0	32.	1.0			
2A-99	62.	9/21	1.0	34.	1.0			

### ASGROW SEED CO.

A 2835	58.	9/21	1.0	32.	1.0			
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### CIBA SEEDS

3253	57.	9/15	1.2	30.	1.0			
3282	52.	9/18	1.0	24.	1.0			

### DAIRYLAND SEED CO.

DSR-262	58.	9/18	1.0	34.	1.0	54.0	55.0	
DSR-277	61.	9/18	1.2	30.	1.0			
DST-2325	66.	9/23	1.3	39.	1.0			

### LEADER SEEDS

L-245	55.	9/15	1.0	29.	1.0			
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### LYNKS SEEDS

5298	67.	9/19	1.2	30.	1.0	65.4		
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### NOBLEBEAR

NB 2585	59.	9/16	1.0	30.	1.0	58.9		
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### PIONEER HI-BRED INTERN.

9273	56.	9/15	1.2	27.	1.0	58.0	58.0	
9281	60.	9/18	1.0	29.	1.0			

### PRAIRIE HERITAGE SEEDS

PH 2900	61.	9/18	1.0	28.	1.0	59.9		
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### PROFISEED

PSX 2720	52.	9/14	1.0	26.	1.0			
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Brand Cultivar or Blend	1994 Results							Average	
	Reg.	(DS)	(CA)	Mat.	Lod	Ht	Sha	2-Yr 3-Yr	
	Yld	Yld	Yld					Yld	Yld
	Bu/A	Bu/A	Bu/A	Date	gng	in	ter	Bu/A	Bu/A

### PIONEER HI-BRED INTERN.

9521	59.	64.	54.	10/09	2.2	41.	1.0	53.5	54.6
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### RIDGWAY SEED CO.

JADER 5131	59.	66.	52.	10/13	1.7	38.	1.0	52.9	
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### SOUTHERN STATES COOP

FFR-500	51.	56.	45.	10/07	1.0	32.	1.0	48.2	
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FFR-553	53.	55.	51.	10/14	1.9	39.	1.0	49.6	
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FFR-563	48.	51.	44.	10/19	1.8	44.	1.0	47.1	
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SS-531	57.	62.	51.	10/14	1.2	32.	1.0		
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AVERAGE	55.7	61.0	50.4	..	1.7	37	1.0	51.2	54.0
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L.S.D. 10% LEVEL	6.6	7.8	5.4	..	0.4	..	..	..	..
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L.S.D. 30% LEVEL	4.1	4.8	3.4	..	0.3	..	..	..	..
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C.V. %	6.2	9.2	7.7	..	10.2	..	..	8.8	4.2
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STD ERR OF TRT MN	2.0	3.2	2.2	..	0.1	..	..	2.6	1.3
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Brand Cultivar or Blend	1994 Results						Average	
	Yld	Mat.	Lodg-	Hgt.	Shat-	Yld.	93-94 92-94	
	Bu/A	Date	ing	(in)	ter		Bu/A	Bu/A

### PUBLIC VARIETY

BURLISON	63.	9/17	1.0	32.	1.0	60.4	57.1	
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CHAPMAN	59.	9/17	1.2	33.	1.0	56.2	56.2	
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CONRAD 94	55.	9/14	1.0	34.	1.0			
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JACK	62.	9/21	1.8	43.	1.0	60.9	59.4	
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KENWOOD 94	54.	9/13	1.2	34.	1.0			
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### SPARTA SEED CO.

S-265	57.	9/16	1.0	32.	1.0			
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### STONE SEED FARMS

SE-291	61.	9/16	1.0	36.	1.0	58.9		
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### SUNSTAR HYBRIDS

EX 2800	66.	9/18	1.3	37.	1.0			
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EX 2900	61.	9/18	1.2	32.	1.0			
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### TERRA INTERNATIONAL

FLAME	63.	9/20	1.2	37.	1.0	61.0	60.9	
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TS 253	55.	9/15	1.0	30.	1.0			
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TS 282	60.	9/18	1.0	30.	1.0	61.7		
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### TRISLER SEED FARMS

TRISOY 2613	59.	9/15	1.0	29.	1.0			
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TRISOY 2971	56.	9/18	1.0	32.	1.0			
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### TWIN STATES

9255	61.	9/18	1.0	39.	1.0			
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9266	58.	9/20	1.2	44.	1.0			
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### WILKEN SEED GRAINS

2516	55.	9/15	1.0	28.	1.0	58.3		
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2566 A	57.	9/18	1.0	29.	1.0			
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EX 525	58.	9/18	1.0	29.	1.0			
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AVERAGE GROUP I-II	58.0	..	1.1	32	1.0	58.5	56.4	
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L.S.D. 10% LEVEL	7.0	..	0.2	..	..	..	..	
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L.S.D. 30% LEVEL	4.4	..	0.1	..	..	..	..	
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C.V. %	8.9	..	15.7	..	..	11.5	12.6	
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STD ERR OF TRT MN	3.0	..	0.1	..	..	3.9	4.1	
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Urbana (7-inch row spacing), continued

Brand Cultivar or Blend	1994 Results					Average 93-94 92-94	
	Yld Bu/A	Mat. Date	Lodg- ing	Hgt. (in)	Shat- ter	Yld. Bu/A	Yld. Bu/A
<b>MATURITY GROUP III</b>							
<b>ADLER SEEDS</b>							
ADLER 375	66.	10/01	1.2	36.	1.0		
<b>AGRATECH SEEDS</b>							
340	65.	10/01	1.2	39.	1.0		
350	58.	10/02	1.3	42.	1.0		
362	64.	10/02	1.0	36.	1.0		
<b>AINSWORTH SEED CO.</b>							
3A-27	59.	9/21	1.0	35.	1.0		
3A-89 N	61.	10/03	1.3	37.	1.0	59.2	
<b>ASGROW SEED CO.</b>							
A 3237	62.	10/02	1.0	34.	1.0	60.2	58.8
A 3431	62.	10/03	1.0	34.	1.0	61.5	
A 3510	61.	10/03	1.0	42.	1.0	59.1	
<b>CIBA SEEDS</b>							
3311	54.	9/19	1.0	31.	1.0	54.3	52.3
3362	69.	10/02	1.3	34.	1.0	65.3	61.1
<b>DAIRYLAND SEED CO.</b>							
DSR-305	60.	9/20	1.1	37.	1.0		
DSR-373	62.	10/02	1.2	41.	1.0	59.6	58.4
DST-3206	66.	10/02	1.3	30.	1.0		
<b>GREAT HEART SEED</b>							
G-341	65.	10/02	1.0	32.	1.0		
GX-3782	62.	10/04	1.2	42.	1.0		
<b>HYPERFORMER SEED CO.</b>							
HSC 317	62.	9/20	1.0	33.	1.0	62.2	58.7
HSC 339	62.	10/02	1.2	30.	1.0	60.9	
HY 351	70.	10/02	1.0	38.	1.0		
<b>INTERSTATE PAYCO SEED</b>							
9233	64.	10/02	1.0	33.	1.0	63.3	58.7
9436	58.	10/02	1.3	40.	1.0		
<b>LEADER SEEDS</b>							
L-330	59.	9/30	1.2	34.	1.0		
<b>NOBLEBEAR</b>							
NB 3110	68.	9/22	1.5	34.	1.0	63.9	
<b>PIONEER HI-BRED INTERN.</b>							
9304	55.	9/21	1.0	31.	1.0	56.5	
9321	65.	9/21	1.5	40.	1.0		
9342	60.	9/22	1.3	36.	1.0	60.6	
9362	63.	10/02	1.2	36.	1.0		
9381	60.	10/05	1.2	34.	1.0	59.3	57.1
9392	64.	10/03	1.0	36.	1.0	62.2	59.1
<b>PRAIRIE HERITAGE SEEDS</b>							
PH 3250	58.	9/20	1.3	32.	1.0	59.4	
PH 3400	69.	10/03	1.1	36.	1.0		
<b>PUBLIC VARIETY</b>							
CHAMBERLAIN	59.	10/02	1.5	42.	1.0	54.9	51.3
EDISON	60.	10/02	1.0	38.	1.0	58.6	55.5
HOBBIT 87	61.	10/03	1.0	25.	1.0	56.0	51.8
LINFORD	55.	9/30	1.5	44.	1.0	51.6	51.0
PIATT	62.	10/01	1.2	42.	1.0	58.0	55.5
PROBST	64.	9/22	1.2	34.	1.0		
RESNIK	61.	9/22	1.0	35.	1.0	58.8	54.4
SALINE	60.	10/02	1.5	44.	1.0	57.3	
THORNE	61.	10/02	1.5	33.	1.0	59.1	55.4
WILLIAMS 82	55.	10/04	1.3	49.	1.0		
YALE	59.	10/02	1.0	33.	1.0	58.5	

Brand Cultivar or Blend	1994 Results					Average 93-94 92-94	
	Yld Bu/A	Mat. Date	Lodg- ing	Hgt. (in)	Shat- ter	Yld. Bu/A	Yld. Bu/A
<b>STEWART HYBRIDS</b>							
CHARLESTON	54.	10/02	1.0	25.	1.0		
<b>STONE SEED FARMS</b>							
SE-349	66.	10/02	1.3	40.	1.0	60.9	
<b>SUN-AG SEED</b>							
LORENE	66.	10/04	1.0	34.	1.0	60.0	
<b>SUNSTAR HYBRIDS</b>							
3150	67.	10/03	1.3	34.	1.0		
EX 3100	69.	9/20	1.5	32.	1.0		
<b>TERRA INTERNATIONAL</b>							
E 393	66.	10/02	1.4	36.	1.0		
FINALIST	61.	10/02	1.2	34.	1.0	58.6	
TORCH	68.	10/01	1.5	40.	1.0	62.7	59.3
TS 312	61.	9/19	1.2	29.	1.0	60.8	57.0
VICTORY	64.	10/02	1.5	42.	1.0		
<b>TRISLER SEED FARMS</b>							
TRISOY 3311	65.	9/20	1.3	35.	1.0	62.8	60.6
<b>TWIN STATES</b>							
9323	53.	9/22	1.0	32.	1.0	56.9	54.9
9327	60.	10/02	1.2	40.	1.0		
9344	66.	10/01	1.5	38.	1.0	62.3	
9354	64.	10/02	1.5	38.	1.0		
9365	62.	10/02	1.1	38.	1.0		
<b>VIGORO INDUSTRIES</b>							
V 333	65.	9/30	1.0	31.	1.0		
V 363	64.	10/02	1.1	37.	1.0		
AVERAGE	62.2		1.2	36	1.0	59.6	56.4
L.S.D. 10% LEVEL	5.8		0.3	2			
L.S.D. 30% LEVEL	3.7		0.2	1			
C.V. %	6.9		14.4	5		8.4	9.5
STD ERR OF TRT MN	2.5		0.1	1		2.9	3.1

**MATURITY GROUP IV**

<b>PUBLIC VARIETY</b>							
BRONSON	64.	10/03	1.5	42.	1.0	58.6	
FLYER	69.	10/02	1.3	35.	1.0	56.5	
HAMILTON	57.	10/02	1.0	33.	1.0	50.6	
NILE	59.	10/02	1.8	45.	1.0	52.1	
<b>TERRA INTERNATIONAL</b>							
TS 402	68.	10/01	1.5	36.	1.0		
AVERAGE	65.0		1.4	37	1.0	54.5	
L.S.D. 10% LEVEL	6.5		0.2				
L.S.D. 30% LEVEL	4.0		0.1				
C.V. %	7.2		12.4			12.1	
STD ERR OF TRT MN	2.7		0.1			3.8	











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